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Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1994

Detailed Statistical Tables

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 96-317

NF97-03351M

Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions

Fiscal Year 1994

Detailed Statistical Tables

Richard Bennof, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 96-317

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LETTER OF TRANSMITTAL

Dear Mr. President:

It is my honor to transmit to you the statistical report, *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1994,* in accordance with the National Science Foundation Act of 1950, as amended.

Respectfully yours,

Neal Lane

Neal Lane
Director

The President
The White House
Washington, DC 20500

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ACKNOWLEDGMENTS

The preparation of *Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1994*, was managed by Richard J. Bennof, Analyst, National Science Foundation (NSF), Division of Science Resources Studies (SRS), Research and Development Statistics Program (RDS), under the overall direction of John E. Jankowski, Jr., Program Director, RDS, with guidance and review provided by Alan R. Tupek, Deputy Director, SRS. The text was edited by Anne Houghton, SRS Publications Manager and Julia Harriston. Quantum Research Corp. (QRC) of Bethesda, MD, under NSF contract number SRS 94-21044, prepared the tables and report copy. QRC staff members who worked on this project were Heidi L. Clark, Gail H. Henry, Hilary E. Jones, Elizabeth H. Peto, and Jennifer D. Ranwez.

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FOREWORD

Institutions of higher education, the major source of the Nation's scientists and engineers, perform about one-half of the Nation's basic research. Therefore, the level, distribution, and characteristics of Federal academic support are of much interest to officials at Federal, State, and local levels and in nongovernmental sectors.

The National Science Foundation Act of 1950, as amended, requires that the Foundation " . . . initiate and maintain a program for the determination of the total amount of money for scientific and engineering research, including money allocated for the construction of the facilities wherein such research is conducted, received by each educational institution and appropriate nonprofit organization in the United States, by grant, contract, or other arrangement from agencies of the Federal Government, and to report annually thereon to the President and the Congress."

To fulfill this requirement, the Foundation has utilized the data collection system originally designed by the Committee on Academic Science and Engineering of the Federal Council for Science and Technology. The Foundation annually collects statistical data from the 15 Federal agencies that account for virtually all support for science and engineering (S&E) research and development at educational institutions. Data are also collected on these agencies' obligations to nonprofit institutions.

Since its inception, this survey system has been the sole source of data on Federal funding to individual institutions for S&E activities and therefore attracts a wide audience. These data provide information that enables users to examine patterns of support for individual institutions over time and to compare such patterns with those of other institutions.

We are grateful for the continued cooperation of the responsible staff members in the participating agencies, and we appreciate their efforts to assist us in ensuring the quality of their data submissions.

Alan R. Tupek
Deputy Director
Division of Science Resources Studies
National Science Foundation

August 1996

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OVERVIEW

Federal agencies' obligations for science and engineering (S&E) activities at universities and colleges increased 8 percent (6 percent after adjusting for inflation) in fiscal year (FY) 1994, to a new high of $13.7 billion. This increase followed last year's slight decline in Federal academic S&E funding but is consistent with the average annual 9-percent current-dollar increase (3 percent in real terms) between 1973 and 1992.

Categories of Support

There are six academic S&E funding categories: (1) research and development (R&D); (2) fellowships, traineeships, and training grants (FTTG); (3) R&D plant; (4) facilities and equipment for instruction; (5) general support for S&E; and (6) other S&E activities. R&D support ($11.8 billion in FY 1994) continued to account for $6 of every $7 of academic S&E funding and increased nearly 8 percent in FY 1994 (table A). Over one-half of all academic R&D obligations ($6.4 billion) and over nine-tenths of its total increase were from Department of Health and Human Services (HHS) programs, mostly National Institutes of Health (NIH) projects in the biological and medical sciences.

Table A. Federal academic S&E support, by type of activity: FYs 1993-94

	(Millions of dollars)		(Percent change)	
	FY 1993	FY 1994	Current $	1987 $
S&E total	12,731	13,739	7.9	5.9
R&D	10,923	11,768	7.7	5.7
R&D plant	259	214	-17.4	-18.9
Facilities for instruction	32	49	52.7	49.7
FTTG	526	634	20.5	18.2
Gen Support	66	139	110.3	106.3
Other S&E	924	934	1.1	-0.8

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Four of the other five academic S&E categories showed increased support levels, with three (FTTG, facilities and equipment for instruction, and general support for S&E) increasing at rates higher than inflation. FTTG funds rose by over 20 percent in current dollars to a new high of $634 million; most of the increase was provided by HHS (which accounted for over three-fifths of FTTG support) and the Department of Education (ED). Funds for instructional facilities and equipment grew by 53 percent to a record $49 million, most of the increase coming from the Department of Defense (DOD). General support for S&E, following a steep decline the previous year, more than doubled from FY 1993 levels with NIH and the National Oceanic and Atmospheric Administration (NOAA) of the Department of Commerce responsible for most of the growth. R&D plant obligations dropped more than 17 percent in current dollars to $214 million; over one-half of the R&D plant support in FY 1994 was supplied from the National Science Foundation (NSF). Other S&E activities totaled $934 million (up by 1 percent in current dollars), with the Department of Agriculture (USDA) the source of over two-fifths of the total.

Agency Sources

HHS, NSF, and DOD collectively accounted for nearly four-fifths of the FY 1994 academic S&E obligations. Each of the three agencies showed increases exceeding inflation; funding grew at constant-dollar rates of 12 percent, 7 percent, and 1 percent, respectively. The USDA, the National Aeronautics and Space Administration (NASA), and the Department of Energy (DOE) were responsible for three-fourths of the remaining academic S&E funding. Of those three agencies, only NASA reported a current-dollar increase although its support level failed to exceed the 2-percent inflation rate.

University Shares

In FY 1994, only 31 percent of all universities and colleges receiving Federal S&E obligations granted doctorates, but 96 percent of all academic S&E support was obligated to these doctorate-granting institutions. This reflects the preponderance of R&D funds in Federal S&E support and the concentration of academic R&D activity in these institutions. The top 100 university S&E recipients in FY 1994 (out of 1,113 institutions, excluding 40 system offices) accounted for 81 percent of the total and are all doctorate-granting institutions. The Johns Hopkins University (including its Applied Physics Laboratory) continued as the leading recipient of Federal academic S&E support (table B); four-fifths of its $764 million total was for R&D programs that were funded largely by DOD and HHS. As in the prior year, the top 20 universities, ranked by Federal S&E obligations, accounted for 36 percent of the academic S&E total. Nineteen of the top 20 university S&E recipients in FY 1994 were also among the top 20 in FY 1993, with the University of Southern California being the new entrant (now 19th). Fully 48 percent of DOD's academic S&E support went to

Table B. Federal academic science & engineering (S&E) support to the top 20 universities: FY 1994

(Millions of dollars)

Rank	Institution	Total S&E	USDA	DOD	DOE	HHS	NASA	NSF	Other
	Total,all institutions	13,739.3	939.1	1,889.0	616.1	6,890.1	740.1	2,042.1	622.7
1	Johns Hopkins Univ	764.0	0.3	466.0	6.3	266.1	11.5	11.9	1.9
2	Univ of Washington	309.6	5.2	29.3	14.3	195.7	9.1	42.1	13.8
3	MA Inst of Technology	290.3	0.2	61.1	67.0	65.7	39.3	48.2	8.8
4	Stanford University	282.5	0.0	38.0	6.7	138.8	56.4	38.4	4.2
5	Univ of Michigan	263.2	0.6	23.1	7.1	168.7	10.8	40.4	12.5
6	U WI Madison	238.4	22.6	19.8	18.3	117.6	12.8	44.5	2.8
7	U CA Los Angeles	236.5	0.2	23.1	20.0	163.2	8.5	19.9	1.7
8	U CA San Diego	233.1	0.3	26.8	10.4	130.8	13.7	46.2	4.9
9	Cornell University	221.5	27.1	14.3	5.0	94.2	5.7	73.7	1.6
10	U CA San Francisco	217.5	0.2	2.7	3.2	205.9	1.4	3.3	0.7
11	Harvard University	210.0	0.1	8.5	5.1	161.1	6.5	25.2	3.5
12	University of PA	209.1	0.5	15.5	6.8	162.6	0.3	22.3	1.0
13	Pennsylvania State U	207.4	23.1	88.0	4.2	46.7	12.5	23.3	9.6
14	Univ of Minnesota	205.0	20.7	8.3	6.0	128.7	2.4	30.6	8.1
15	Yale University	200.8	0.7	7.4	10.9	167.1	0.9	13.3	0.4
16	Columbia U City NY	197.6	0.3	11.2	7.8	139.5	6.1	31.9	0.9
17	Univ of Colorado	190.4	0.5	10.5	5.9	101.6	17.3	32.8	21.8
18	U CA Berkeley	180.8	23.7	10.7	4.8	66.9	24.8	47.3	2.6
19	U Southern California	166.2	0.0	40.2	2.2	98.6	4.0	18.2	3.1
20	Duke University	165.5	0.6	7.9	5.3	133.4	0.5	15.3	2.3
	Total,top 20 institutions	4,989.4	127.0	912.5	217.6	2,752.8	244.4	628.9	106.2

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

these 20 leading university recipients in FY 1994, as did 40 percent of all academic S&E funds from HHS. NSF's academic S&E funding is less concentrated: 31 percent of its funds went to the top 20 recipient universities nationwide. Of the 6 largest Federal agencies funding academic S&E, the USDA supplied the smallest share (14 percent of its total) to the leading 20 universities.

Geographic Distribution

Over two-thirds of all Federal S&E support to academic institutions in FY 1994 was concentrated among 14 States, each the recipient of over $300 million in S&E obligations to universities and colleges. These States were located along the Atlantic and Pacific coasts and within the East North Central (i.e. Great Lakes) Region. Texas was the only $300 million-plus recipient outside of those regions. California and New York universities and colleges continued to receive the largest amounts of Federal academic S&E obligations. Academic institutions within those 14 States also accounted for over two-thirds of all federally financed R&D expenditures at doctorate-granting institutions and enrolled almost two-thirds of all graduate S&E students (table C).[1]

Historically Black Colleges and Universities (HBCUs)

Federal S&E support for 76 HBCUs increased by 21 percent (contrasting a 5-percent decline the year before) and totaled $281 million in FY 1994. R&D projects accounted for 63 percent of all HBCU support, smaller than the 86-percent share among all academic institutions. The miscellaneous category "other S&E activities" accounted for the second largest portion of S&E support at both HBCUs (14 percent) and among all academic institutions (7 percent). Nearly three-fourths of the HBCU total funding increase, though, was for R&D programs. Clark Atlanta University, the recipient of $26 million in total S&E support and $22 million in R&D funding, replaced Howard University

[1]NSF/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, FY 1994 and NSF/SRS, Survey of Graduate Students and Postdoctorates in Science and Engineering: Fall 1994.

Table C. Federal academic science and engineering support to states receiving at least $300 million, fiscal year 1994

State	S&E support	Share of total S&E
	(Millions of dollars)	(Percent)
Total S&E	$13,739.3	100.0
California	1,812.2	13.2
New York	1,134.1	8.3
Maryland	957.4	7.0
Massachusetts	854.3	6.2
Pennsylvania	792.1	5.8
Texas	725.6	5.3
Illinois	505.0	3.7
North Carolina	503.0	3.7
Michigan	433.4	3.2
Ohio	371.5	2.7
Washington	366.5	2.7
Georgia	316.7	2.3
Wisconsin	313.9	2.3
Florida	305.4	2.2
All other States	4,348.1	31.6

SOURCE: NSF/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

as the top HBCU recipient in terms of both total S&E and R&D support. Of the 76 HBCUs obligated S&E funds in FY 1994, 48 of them showed current-dollar increases from the prior year. The leading 20 HBCU recipients accounted for 78 percent of all HBCU S&E support. The USDA and HHS together obligated over one-half of all academic S&E dollars to HBCUs in FY 1994.

Independent Nonprofit Institutions

In FY 1994, Federal agencies' support for S&E R&D and R&D plant to 1,070 independent nonprofit institutions (excluding obligations to Federally Funded Research and Development Centers administered by nonprofit institutions) totaled $3.1 billion, a slight (1.5 percent) current-dollar decrease for the second consecutive year. Research institutes, numbering less than one-fourth of all recipient nonprofit organizations (which also include voluntary hospitals and other independent institutions such as private foundations and trade associations), accounted for 56 percent of all nonprofit funds. The proportional number of research institutes has decreased over time, but their proportional share of nonprofit funding has remained strong. Ten years earlier, for example, in FY 1984, research institutes accounted for over two-fifths of all recipient nonprofits and received 64 percent of all nonprofit support. As in the prior year, six of the top 10 nonprofits —including the leading two nonprofit institutions, the Mitre Corporation and the Draper Laboratories—ranked by FY 1994 obligations levels were research institutes (table D). The three largest voluntary hospital recipients (the Massachusetts General Hospital, the Brigham and Women's Hospital, and the Scripps Clinic & Research Foundation), as in the previous year, were among the top 10 nonprofit institutions. Eight of the top 10 nonprofit recipients were among the leading ten in FY 1993, with the Henry M. Jackson Foundation and the Research Triangle Institute being the new entrants. The top 10 nonprofits accounted for over one-third of all Federal S&E R&D and R&D plant funds to nonprofit institutions in FY 1994. Last year's top recipient, Universities Research Association for Superconducting Super Collider (URA SSC) Lab, was terminated by DOE and received no funding in FY 1994.

Of the Federal total, DOD provided 32 percent of all funding to nonprofit organizations, and about $7 of each $8 from DOD supported research institutes. HHS supplied 45 percent of all Federal nonprofit support and almost all Federal support to voluntary hospitals.

Table D. Federal R&D and R&D plant obligations to the leading 10 independent nonprofit institutions ranked by total amount received in fiscal year 1994

(Millions of dollars)

Institution and ranking	Total	DOD	DOE	HHS	NASA	NSF	Other
Total, all nonprofit institutions	$3,129.9	$1,000.7	$105.8	$1,413.4	$196.8	$220.2	$192.9
1. Mitre Corporation	236.1	228.6	2.0	0.0	5.4	0.1	0.0
2. Draper Laboratories	168.2	160.1	0.0	0.0	8.0	0.1	0.0
3. MA General Hospital	104.2	6.8	0.4	96.1	0.0	0.7	0.2
4. Brigham and Womens Hosp	98.2	0.5	--	96.9	0.2	0.1	0.5
5. Natl Academy of Sciences	93.5	12.7	25.2	4.5	24.5	11.7	14.8
6. Sematech, Inc	88.7	88.7	0.0	0.0	0.0	0.0	0.0
7. Scripps Clinic & Rsch Fdn	82.9	1.4	0.3	80.6	0.6	0.0	0.1
8. Battelle Memorial Inst	81.1	60.4	3.7	6.9	1.6	0.0	8.6
9. H M Jackson Foundation	77.6	69.9	0.0	7.2	0.3	0.2	0.0
10.Research Triangle Inst	63.7	2.8	1.5	38.8	2.3	0.0	18.2

KEY:"--" = Less than $50,000

SOURCE: NSF/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

General Notes

The data presented in these tables represent all categories of direct Federal science and engineering (S&E) support to institutions of higher education in the United States. The 15 Federal agencies included provided virtually all funding for S&E research and development (R&D) at universities and colleges. In addition, data are reported on these agencies' obligations to nonprofit institutions. Data on field of S&E disciplines, on type of institutional control, and on highest degree granted were not published in this report but are available upon request.

Data Limitations and Relationship of This Survey to the Survey of Federal Funds for Research and Development

Data presented in this report on R&D and R&D plant by agency sometimes differ significantly with such data presented in the annual National Science Foundation (NSF) survey titled Federal Funds for Research and Development, referred to hereafter as the Federal funds survey. The treatment of interagency transfers explains much of the difference in the totals. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions (Federal S&E support survey) by the agency that actually obligates the funds to the receiving institution. In the Federal funds survey, however, obligations are reported by the initiating agency.

Each of several agencies utilizes personnel from separate internal offices to respond to the two individual surveys, and each frequently collects data from different sources. Data for the Federal S&E support survey, for example, are generally processed from award files, whereas Federal funds survey data are usually derived from agency budget documents.

Respondents from the separate internal offices that participate in the two surveys also frequently differ in their interpretation of the survey questions. The National Institutes of Health, for example, report Biomedical Research Support Grants under "general support for science and engineering" in the Federal S&E support survey but under "research and development" in the Federal funds survey. Regarding the structure of the surveys themselves, the data presented in this report differ in two main ways from those presented in the report on the Federal funds survey, as follows.

1. The two surveys differ in number of agencies involved. In the Federal S&E support survey, the 15 Federal agencies that obligate virtually all of Federal support to academic R&D collect data on all Federal S&E obligations to institutions of higher education. For the Federal funds survey, data are gathered on budgets for R&D and R&D plant from all 32 Federal agencies that conduct such programs.

2. The scope of information gathered differs. Data collected in the Federal S&E support survey pertain to individual academic institutions. Those collected in the Federal funds survey relate to all types of performers and are detailed as to character of work (basic research, applied research, and development).

The fiscal year (FY) 1994 data shown in this report were submitted by the following Federal agencies, listed by the acronyms or abbreviated forms under which data were reported for them:

AID - Agency for International Development
Com - Department of Commerce
DoD - Department of Defense
DOT - Department of Transportation
ED - Department of Education
EPA - Environmental Protection Agency
DOE - Department of Energy
HHS - Department of Health and Human Services
- ACF - Administration for Children and Families
- AHCPR - Agency for Health Care Policy and Research
- AoA - Administration on Aging
- ATSDR - Agency for Toxic Substances and Disease Registry
- CDC - Centers for Disease Control and Prevention
- FDA - Food and Drug Administration
- HCFA - Health Care Financing Administration

HRSA	-	Health Resources and Services Administration
IHS	-	Indian Health Service
OASH	-	Office of the Assistant Secretary for Health
NIH	-	National Institutes of Health
SAMHSA	-	Substance Abuse and Mental Health Services Administration
SSA	-	Social Security Administration

HUD	-	Department of Housing and Urban Development
Int	-	Department of the Interior
Labor	-	Department of Labor
NASA	-	National Aeronautics and Space Administration
NRC	-	Nuclear Regulatory Commission
NSF	-	National Science Foundation
USDA	-	Department of Agriculture

The following abbreviated references are used:

FFRDC	-	federally funded research and development center
FTTG	-	fellowships, traineeships, and training grants
FY	-	fiscal year
n.e.c.	-	not elsewhere classified
R&D	-	research and development
S&E	-	science and engineering
SRS	-	Division of Science Resources Studies, NSF, which produces this report

Obligations shown for universities and colleges do not include funds obligated to FFRDCs administered by academic institutions. FFRDCs are R&D-performing entities that are formed to meet a particular Federal R&D objective that cannot be met effectively by existing organizational resources. They range from the traditional contractor-owned/contractor-operated or Government-owned/contractor-operated organizational structures to various degrees of contractor/Government control and ownership.

The data exclude financial support of an indirect nature, such as funds allocated to State agencies, even if the final recipient of such funds is known to be an academic institution.

Because of rounding, data shown in the text or tabulations may not add to the totals or subtotals. Reported obligations were rounded to the nearest thousand dollars.

For further information concerning the availability of Federal S&E support survey data and the technical aspects of this survey, please contact—

Richard J. Bennof, Project Officer
Research and Development Statistics Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard, Suite 965
Arlington, VA 22230

Telephone: (703) 306-1772, ext. 6938
Internet: rbennof@nsf.gov

Information Sources

Data Tapes

Public-use tapes from the Integrated Academic Science and Engineering Data Base are available for purchase and will normally be shipped within 3 working days from order receipt. Data tapes from the most recent surveys (1994) are currently available. Individuals interested in obtaining data tapes from the NSF Surveys of Academic Science and Engineering should request a copy of the *Guide to the Data Files from the National Science Foundation's Annual Surveys of Academic Science and Engineering*, which contains order forms and detailed information about the tapes. This document may be obtained by calling NSF's Division of Science Resources Studies at (703) 306-1772.

Institutional Profiles

Selected data items for individual doctorate- granting institutions and schools with science and engineering departments that grant a master's degree are available on computer-generated institutional profiles. An institutional profile consists of data not only from this survey, but from NSF's other two academic S&E surveys: the Survey of Scientific and Engineering Expenditures at Universities and Colleges (R&D expenditures survey) and the Survey of Graduate Students and Postdoctorates in Science and Engineering (graduate student survey). For information on obtaining one or a limited group of institutional profiles, please call Richard J. Bennof at (703) 306-1772.

CASPAR

Users are now able to acquire data from several academic S&E resources on CD-ROM or over the internet. The compact disk contains the Computer-Aided Science Policy Analysis and Research (CASPAR) database system, which is an easy-to-use tool for retrieval and analysis of statistical data on academic S&E resources. For information on downloading CASPAR using a Web browser or anonymous FTP, connect to: http://www.qrc.com/ nsf/srs/caspar/ start.htm.

CASPAR provides the analyst with an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. This data library is developed from multiple sources using standardized institutional names and field of S&E definitions. The CASPAR program includes built-in help capabilities to facilitate the use and interpretation of the data.

CASPAR data are drawn from a number of sources. All data are available at the individual institution level, at the State level, and at the national level. Longitudinal data from surveys of universities and colleges conducted by the NSF Division of Science Resources Studies include the Federal S&E support survey and R&D expenditures survey in addition to the graduate student survey. Data from the surveys of universities and colleges conducted by the National Center for Education Statistics include earned degrees, opening fall enrollment, faculty salaries, tenure and fringe benefits, and financial statistics. Data from other sources include the National Research Council Doctorate Programs Ratings.

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Section A.

Technical Notes

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Scope of Survey

Data presented in this report are collected annually through the National Science Foundation's (NSF) Survey of Federal Science and Engineering (S&E) Support to Universities, Colleges, and Nonprofit Institutions (Federal S&E support survey). The survey originated in 1965, when the Committee on Academic Science and Engineering (CASE) within the Federal Council for Science and Technology established the CASE data collection system in order to report annually to the council on Federal S&E obligations to academic institutions and associated federally funded research and development centers (FFRDCs). Since 1968, CASE data, as well as data on nonprofit institutions, have also served as the basis for an annual report to the President and Congress.

This survey is designed to collect information from Federal agencies on (1) total S&E program support in thousands of dollars to academic institutions, (2) total S&E support to FFRDCs administered by academic institutions, and (3) research and development (R&D) and R&D plant support to nonprofit institutions and associated FFRDCs.

The fiscal year 1994 data in this report were submitted by 15 Federal agencies, covering the period October 1, 1993, through September 30, 1994. Data reported by the Agency for International Development, the Departments of Housing and Urban Development, Labor, and Transportation, and the Nuclear Regulatory Commission were combined, because of space constraints, to constitute the "other" category in tables that show funding by agency. In 1994 these five agencies accounted for less than 1 percent of all Federal S&E academic support. In most tables that list data by agency and by individual institution, the "other" column includes data from the Department of the Interior in addition to the above five agencies. In 1994 the 15 agencies reported obligations to 1,113 universities and colleges, 40 academic system offices, and 1,070 independent nonprofit institutions.

In fiscal year 1994 the Johns Hopkins University Applied Physics Lab (APL) accounted for $463 million of Johns Hopkins' $466 million in total funding from the Department of Defense (DoD). During the FY 1987 survey cycle, DoD determined that some funds reported in prior years as R&D obligations to APL were more appropriately classified as "other sciences and engineering." Data for FYs 1984-86 were revised, but DoD was unable to revise data prior to FY 1984.

To better differentiate between that part of the Federal R&D budget which supports "science and key enabling technologies" (including for military and nondefense applications) and that which primarily concerns "testing and evaluation of large technical systems prior to production" (of mostly defense-related systems), NSF now collects from DOD development dollars in two categories, advanced technology development and major systems development.

As a result of trend editing of the Department of Education's (ED's) data each year, a small number of academic institutions' dollar totals are distributed by type of activity (R&D, R&D plant, etc.) on a prorated basis through FY 1992 by NSF because ED could evaluate the data only on a "total obligations" basis. During the FY 1987 survey cycle, ED determined that institution coding problems in earlier years caused its database to produce several large funding trend shifts at specific universities.

ED has made major software modifications to the automated system from which the Federal S&E data were produced. Therefore, due to a revamped coding structure, there are trend differences among institutions' data from ED beginning for FY 1993. Those trend differences were a major factor in NSF's decision not to publish "non-S&E" totals beginning for the FY 1993 report. ED accounted for 91 percent ($5.9 billion) of the total Federal support for "non-S&E" ($6.5 billion) for FY 1993. To explain ED's downward academic R&D trend between FY 1993 and FY 1994 (from $95 million to $34 million), that agency stated that academic R&D programs were not funded in FY 1994, or did not have a science and engineering component in FY 1994, or received reductions in funding in FY 1994.

Data are shown for Federal S&E obligations to institutions classified as historically black universities and colleges by type of activity, by agency, and by R&D obligations.

"R&D plant" in this report refers to large facilities and fixed equipment. Data on "research instrumentation" are not separately identifiable in this report. Research instrumentation funds are for equipment purchased under research project awards from current-fund accounts and are included under totals for research and development.

Some agencies not surveyed, such as the Department of Justice, may account for a significant proportion of the total receipts at some institutions, even though those receipts may constitute a small proportion of total academic R&D.

Obligations figures listed for individual institutions reflect direct Federal S&E support so that amounts subcontracted to other institutions are included. Those funds received through subcontract arrangements from prime contractors are excluded.

Federal obligations to institutions are presented on the basis of the individual institutions that are components of the system, but obligations awarded directly to the central administration of a system are listed separately. If the final destination of the funds is not known, however, the agencies report them as obligations to a system's administrative office, or "central system," from which the funds are distributed to the system's individual institutions.

Other Science Resources Studies Reports on Federal R&D Funding

In addition to the Survey of Federal Funds for Research and Development report, the NSF Division of Science Resources Studies publishes one other report related to Federal R&D funding. *National Patterns of R&D Resources* includes information on R&D expenditures by different performers including industry, academia, and the Federal Government. The expenditures data in *National Patterns*, with the exception of Federal intramural R&D, are based on sample surveys of the performers of R&D. Respondents are asked to report how much they actually spent on R&D during the year and the source of those funds. Data in *National Patterns* are based on expenditures reported by performers; performers of R&D often expend Federal funds in a different year from the one in which the Federal Government provided authorization, obligations, or outlays.

Definitions

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be spent by the recipient institution either partially or entirely during one or more subsequent years.

Type of Institution

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, and agricultural experiment stations, including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of the Department of Education's Integrated Postsecondary Education Data System (IPEDS), sponsored by the National Center for Education Statistics, and the *1995 Higher Education Directory*, published by Higher Education Publications, Inc.

Institutions included are those that received Federal S&E support during fiscal year 1994 and possessed a significant degree of academic and administrative autonomy. Institutions within a system (a group of institutions having a collective legal status and generally recognized by a State government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the U.S. Department of Agriculture Graduate School.

Independent nonprofit institutions are legal entities other than universities and colleges, are privately organized or chartered to serve the public interest, and are exempt from most forms of Federal taxation. Data presented for nonprofit institutions and for nonprofit-administered FFRDCs are obligations for R&D and R&D plant reported by the 15 participating agencies.

Coverage of the nonprofit section in the Federal support survey was expanded beginning in the late 1970s to include all types of nonprofit institutions that receive Federal R&D funds. For NSF purposes the types of institutions are defined as follows:[1]

1. **Research institute.** A separately incorporated, independent nonprofit organization operating under the direction of its own controlling body, the primary function of which is the performance of R&D in the sciences and engineering.

2. **Voluntary hospital.** A member of the American Hospital Association not subject to the control of either Federal, State, or local governments, nor an integral part of any institution of higher education. Hospitals that have been set up by research institutes and that, although providing patient care, function primarily as laboratories for the research institutes are included in the "Research institute" category.

3. **All other independent nonprofit institutions.**
   (a) **Professional or technical society, or academy of science and engineering.** A voluntary association of individuals sharing a common interest in the advancement of knowledge, either within a single field or across a broad spectrum of disciplines. The major function of these organizations is to aid and encourage the collection, collation, and dissemination of S&E knowledge for the benefit of their members and the community as a whole.

   (b) **Private foundation.** A nongovernmental, nonprofit organization having a principal fund of its own, managed by its own trustees or directors, and established to maintain or to aid social, educational, charitable, religious, or other activities serving the common welfare. Private foundations include operating foundations that allocate the greater proportion of their R&D budgets to intramural performance and philanthropic foundations that allocate most of their funds to grants and contracts for research to be performed extramurally.

   (c) **Science exhibitor.** A nonprofit organization whose primary goal is to expand scientific literacy within the community by providing exhibits that display and interpret the latest scientific findings within its field or fields. Included in this category are museums, zoological parks, botanical gardens, and arboretums.

   (d) **Trade association.** An organization of business competitors, in a specific industry or business, that is interested primarily in the commercial promotion of products or services. Membership is usually held in the name of a business entity. Activities may fall into one or more of the following areas: business ethics, management practices, standardization, commercial (i.e., statistical) research, publication, promotion, and public relations.

   (e) **Agricultural cooperative.** An organization of individuals or business entities that are normally competitors in the production and sale of agricultural products. Activities may include one or more of the following areas: collective marketing or purchasing, research, public relations, and the improvement of the economic condition of the farm population of the United States.

Category of Support

Academic science and engineering includes all obligations for R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants (FTTGs); general support for science and engineering; and other S&E activities. These activities are defined as follows:

1. **Research and development** includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of R&D if their objective is to produce new information within a specific time period.

[1] National Science Foundation, *R&D Activities of Independent Nonprofit Institutions, 1973* (NSF 75-308) (Washington, DC: GPO, 1975)

"Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although data reported here are not separated into these categories. In basic research the investigation is oriented toward gaining a better knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind. In applied research the investigation is aimed at gaining the knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

"Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

Research and development excludes topographic mapping and surveys, collection of general-purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment.

"Research equipment" is included as part of R&D. It includes any item (or interrelated collection of items constituting a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research.

2. **R&D plant** includes all costs—direct, indirect, and related—of all projects whose main objective is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in scientific or engineering research and development. A facility is interpreted broadly to be any physical resource important to the conduct of R&D. Excluded are expendable research equipment and office furniture and equipment.

3. **Facilities and equipment** for S&E instruction include all programs whose main purpose is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

4. **Fellowships, traineeships, and training grants** include graduate programs in support of the development and maintenance of S&E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of education techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are included in "other science and engineering activities" (see category 6) if they are S&E oriented.

5. **General support for science and engineering** includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole and embody varying types of support—ranging from support provided without any specification of purpose other than that the funds be used for scientific projects to projects in which funds are provided for activities within a specified field of science and engineering without a specific purpose. The National Institutes of Health's (NIH's) Biomedical Research Support Grants and Minority Biomedical Support Grants are examples of these types of programs.

6. **Other S&E activities** include all academic S&E activities that cannot be assigned to one of the preceding five categories, including obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

Federally Funded Research and Development Centers

The following is a list of federally funded research and development centers (FFRDCs) included in the Federal S&E support survey. The list is arranged by sponsoring agency and administering organization (in parentheses). Respondents reported under the FFRDC category funds that were obligated to the centers identified on this list.

Department of Defense

Office of the Secretary of Defense

Administered by other nonprofit institutions[1]

Institute for Defense Analyses (Institute for Defense Analyses), Alexandria, VA

Logistics Management Institute (Logistics Management Institute), McLean, VA[2]

National Defense Research Institute (RAND Corp.[3]), Santa Monica, CA

C3I Federally Funded Research and Development Center (MITRE Corp.[4]), Bedford, MA, and McLean, VA

Advanced Research Projects Agency

Administered by universities and colleges[5]

Software Engineering Institute (Carnegie Mellon University), Pittsburgh, PA

Department of the Navy

Administered by other nonprofit institutions[1]

Center for Naval Analyses, (Center for Naval Analyses), Alexandria, VA

Department of the Air Force

Administered by universities and colleges[5]

Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA

Administered by other nonprofit institutions[1]

Aerospace Federally Funded Research and Development Center (Aerospace Corporation), El Segundo, CA

Project Air Force (RAND Corp.[3]), Santa Monica, CA

Department of the Army

Administered by other nonprofit institutions[1]

Arroyo Center (RAND Corp.[3]), Santa Monica, CA

Department of Energy

Administered by universities and colleges[5]

Ames Laboratory (Iowa State University of Science and Technology), Ames, IA

Argonne National Laboratory (University of Chicago), Argonne, IL

Brookhaven National Laboratory (Associated Universities, Inc.), Upton, Long Island, NY

Continuous Electron Beam Accelerator Facility (Southeastern Universities Research Association, Inc.), Newport News, VA

Ernest Orlando Lawrence Berkeley National Laboratory (University of California), Berkeley, CA

Fermi National Accelerator Laboratory (Universities Research Association, Inc.), Batavia, IL

Lawrence Livermore National Laboratory (University of California), Livermore, CA

Los Alamos National Scientific Laboratory (University of California), Los Alamos, NM

Oak Ridge Institute for Science and Education (Oak Ridge Associated Universities, Inc.), Oak Ridge, TN

Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ

Stanford Linear Accelerator Center (Leland Stanford Junior University), Stanford, CA

Administered by other nonprofit institutions[1]

Inhalation Toxicology Research Institute (Lovelace Institutes), Albuquerque, NM

National Renewable Energy Research Laboratory[6] (Midwest Research Institute), Golden, CO

Pacific Northwest Laboratories (Battelle Memorial Institute), Richland, WA

National Aeronautics and Space Administration

Administered by universities and colleges[5]

Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA

National Science Foundation

Administered by universities and colleges[5]

National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR

National Center for Atmospheric Research (University Corporation for Atmospheric Research), Boulder, CO

National Optical Astronomy Observatories[7] (Association of Universities for Research in Astronomy, Inc.), Tucson, AZ

National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV

Administered by other nonprofit institutions[1]

Critical Technologies Institute (RAND Corp.[3]), Washington, DC

Nuclear Regulatory Commission

Administered by other nonprofit institutions[1]

Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX

Department of Transportation

Federal Aviation Administration

Administered by other nonprofit institutions[1]

Center for Advanced Aviation System Development (MITRE Corp.[4]), McLean, VA

Department of the Treasury

Internal Revenue Service

Administered by other nonprofit institutions[1]

Tax Systems Modernization Institute (IIT Research Institute), Lanham, MD

Endnotes

[1] That is, other than universities and colleges.

[2] Logistics Management Institute (LMI) moved from Bethesda, MD, to McLean, VA, in May 1994.

[3] The following portions of the RAND Corporation should be reported as FFRDCs: Project Air Force, National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under nonprofit institutions.

[4] Only the C3I Federally Funded Research and Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corporation are FFRDCs. All other agency support to MITRE should be reported under nonprofit institutions.

[5] Includes university consortia.

[6] In September 1991 the name was changed from Solar Energy Research Institute.

[7] Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

NOTE: The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993. All obligations previously reported to this institution should be reported under universities and colleges.

Section B.

Detailed Statistical Tables: Federal Science and Engineering Obligations

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To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1994) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

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Table B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963-94

[Thousands of dollars]

Fiscal year	Total	Research and development [1]	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities [1]
1963	1,328,511	829,524	105,896	(2)	(2)	(2)	393,091
1964	1,528,604	975,597	100,837	(2)	(2)	(2)	452,170
1965	1,816,171	1,094,963	126,196	(2)	(2)	(2)	595,012
1966	2,163,504	1,252,146	114,767	(2)	365,560	(2)	431,031
1967	2,323,795	1,301,242	111,309	(2)	447,236	(2)	464,008
1968	2,349,817	1,398,305	96,148	(2)	440,895	(2)	414,469
1969	2,361,399	1,474,681	54,516	(2)	436,270	(2)	395,932
1970	2,187,579	1,446,618	44,778	(2)	429,408	(2)	266,775
1971	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369
1972	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592
1973	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788
1974	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691
1975	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256
1976	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223
1977	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968
1978	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505
1979	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985
1980	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211
1981	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499
1982	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387
1983	5,680,631	5,024,330	37,547	2,522	189,616	94,847	331,769
1984	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057
1985	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549
1986	7,430,872	6,456,743	105,827	4,990	246,196	111,130	505,986
1987	8,567,284	7,241,001	229,875	13,722	290,942	236,933	554,811
1988	9,136,277	7,719,237	202,907	13,345	309,348	171,826	719,614
1989	10,075,255	8,523,190	237,010	16,911	340,458	197,745	759,941
1990	10,445,417	9,008,083	124,841	19,241	393,820	143,917	755,515
1991	11,835,176	10,031,058	151,808	32,792	469,297	192,823	957,398
1992	12,748,584	10,844,500	204,722	38,504	509,774	159,244	991,840
1993	12,730,761	10,923,070	259,421	32,357	525,959	66,087	923,867
1994	13,739,271	11,768,416	214,385	49,398	633,625	139,005	934,442

[1] See Technical Notes, "Scope of Survey."

[2] Not separately identified but included under "Other S&E activities"

NOTE: Some trend shifts are related to institutional reclassification. As of 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-94 but are excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution. Academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-94 do not.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-94

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Total																
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	581.0	NA	3.8	NA	NA	87.4	256.3	NA	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	683.8	NA	5.0	NA	NA	107.6	277.5	NA	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	856.5	NA	9.6	NA	NA	134.3	325.2	NA	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	1,109.2	NA	19.0	NA	NA	142.2	374.5	NA	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	1,251.0	NA	23.9	NA	NA	131.5	394.5	NA	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	1,229.4	1.7	28.2	NA	6.6	129.8	422.8	NA	3.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	NA	NA
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	NA	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.4	23.3	1,318.4	1.5	24.3	18.7	7.3	119.0	458.7	NA	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	1,225.0	.9	23.7	10.7	6.3	111.4	419.6	NA	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	NA	12.8
1975	2,805.9	290.7	25.8	190.5	NA	NA	124.3	38.8	1,467.4	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,959.7	328.6	38.2	211.9	NA	NA	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	NA	NA	208.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	565.8	4.5	10.9
1978	3,962.5	391.7	35.9	452.3	NA	NA	267.2	57.4	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,473.5	422.5	48.0	528.7	NA	NA	273.9	66.9	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	2,281.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.8	183.5	695.1	7.4	28.5
1982	5,179.6	529.7	40.6	857.3	NA	35.6	288.2	83.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.6	566.0	51.0	940.3	NA	34.9	320.0	50.3	2,602.2	1.5	32.0	43.4	6.4	203.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.6	935.6	4.6	13.6
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.6
1986	7,430.9	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.6
1987	8,567.3	674.7	88.8	1,278.5	NA	280.8	475.1	74.3	4,195.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	15.3
1988	9,136.3	741.7	81.4	1,377.4	NA	255.6	536.2	66.2	4,486.2	**	41.6	48.5	8.0	363.7	1,102.0	3.6	24.2
1989	10,075.3	721.7	74.0	1,486.4	NA	269.6	565.4	85.8	4,916.8	.0	56.2	65.3	6.5	461.9	1,336.2	4.3	25.1
1990	10,445.4	762.1	110.4	1,342.2	NA	260.1	556.2	93.6	5,200.7	.1	60.5	47.4	8.6	511.3	1,445.1	4.6	42.6
1991	11,835.2	867.5	121.9	1,539.6	NA	354.1	661.8	115.9	5,769.0	**	82.8	31.9	5.8	592.9	1,642.3	5.4	44.1
1992	12,748.6	941.9	129.2	1,509.7	NA	402.3	705.3	150.0	6,214.4	.2	79.7	27.6	9.2	684.7	1,830.1	5.9	58.3
1993	12,730.8	940.5	109.8	1,834.1	NA	156.4	716.2	152.7	6,023.1	.4	77.7	11.5	6.6	729.1	1,869.1	4.8	98.8
1994	13,739.3	939.1	163.0	1,889.0	NA	155.6	616.1	144.6	6,890.1	.8	64.3	12.8	4.8	740.1	2,042.1	6.3	70.4

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-94

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Research and development (R&D)																
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	332.9	NA	3.8	NA	NA	59.8	104.6	NA	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	399.2	NA	5.0	NA	NA	78.2	115.8	NA	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	441.9	NA	9.5	NA	NA	100.6	139.2	NA	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	507.3	NA	18.7	NA	NA	107.4	192.5	NA	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	577.0	NA	23.9	NA	NA	109.0	170.2	NA	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	619.1	1.0	27.8	NA	6.6	126.1	187.7	NA	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	667.1	1.0	23.5	3.9	9.1	122.3	191.5	NA	NA
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	614.9	.5	27.1	5.5	3.5	127.4	201.2	NA	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.5	216.9	NA	8.0
1972	1,853.1	88.6	23.6	243.9	8.3	NA	86.9	17.7	879.3	1.5	23.0	13.5	7.3	112.4	334.7	NA	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	NA	15.2
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	NA	11.5
1975	2,246.2	110.5	22.2	190.5	NA	NA	119.2	33.8	1,205.3	2.3	27.2	8.3	4.0	100.2	404.6	.0	18.1
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	1,452.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,388.4	175.3	35.0	452.3	NA	NA	251.1	53.8	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,874.4	193.8	46.5	528.7	NA	NA	256.4	61.1	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.8	173.9	616.8	7.0	27.8
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.4	NA	34.9	296.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.6	13.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.7	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.3
1987	7,241.0	296.0	87.6	1,098.9	NA	85.2	371.6	67.1	3,835.3	.1	39.4	53.3	8.3	293.6	987.5	3.9	13.2
1988	7,719.2	321.3	75.8	1,194.2	NA	69.6	407.7	64.1	4,128.3	**	39.1	48.5	8.0	339.5	998.3	3.6	21.3
1989	8,523.2	336.0	66.0	1,220.6	NA	68.6	448.8	77.5	4,512.6	.0	52.8	65.3	6.5	435.7	1,206.6	4.3	21.9
1990	9,008.1	349.1	97.3	NA	NA	71.1	496.9	87.1	4,776.8	.1	57.8	47.4	8.6	470.7	1,304.6	4.6	39.2
1991	10,031.1	408.8	61.9	NA	NA	94.5	613.7	104.3	5,305.0	**	70.2	31.9	5.8	533.7	1,438.6	5.4	33.9
1992	10,844.5	465.2	66.9	NA	NA	104.6	632.2	135.4	5,788.4	.2	67.6	27.6	9.0	586.6	1,604.1	5.9	36.4
1993	10,923.1	462.4	58.4	NA	NA	94.8	582.1	142.6	5,609.9	.4	69.8	11.5	6.2	601.4	1,615.7	4.8	75.9
1994	11,768.4	470.1	84.2	NA	NA	33.9	581.0	134.6	6,402.4	.8	63.8	12.8	4.5	634.5	1,679.2	6.3	59.7
	DoD research only [3]																
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	838.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	1,130.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	1,255.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	DoD development only [3]																
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	456.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	DoD advanced technology development [3]																
1994	NA	NA	NA	157.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	DoD major systems development [3]																
1994	NA	NA	NA	187.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-94

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	R&D plant [1]																
1963	105.9	.0	.0	.0	NA	NA	2.6	NA	39.2	NA	0.1	NA	NA	13.4	50.6	NA	NA
1964	100.8	.0	.0	.0	NA	NA	4.0	NA	39.9	NA	.0	NA	NA	9.1	47.8	NA	NA
1965	126.2	3.2	.0	.0	NA	NA	3.8	NA	54.8	NA	**	NA	NA	8.4	56.0	NA	NA
1966	114.8	2.0	.0	.0	NA	NA	7.4	NA	48.5	NA	.2	NA	NA	7.4	49.3	NA	NA
1967	111.3	2.0	0.3	.0	NA	NA	13.8	NA	38.1	NA	.0	NA	NA	5.0	52.1	NA	NA
1968	96.1	1.9	.2	.0	.0	NA	11.9	NA	36.9	.0	.0	NA	.0	.0	45.3	NA	.0
1969	54.5	1.2	.0	.0	.0	NA	11.4	NA	20.5	.0	**	.0	.0	.0	21.4	NA	NA
1970	44.8	1.1	**	.0	.0	NA	7.1	NA	20.0	.0	.0	.0	.0	.0	16.5	NA	.0
1971	29.9	.0	.0	.0	.0	NA	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	NA	.0
1972	36.9	.0	.0	.0	.0	NA	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	NA	.0
1973	43.3	.0	.3	.0	.0	NA	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	NA	.0
1974	29.0	.0	.0	.0	.0	NA	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	NA	.0
1975	44.8	.0	.0	.0	NA	NA	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	NA	NA	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	NA	NA	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	0.5
1978	34.3	.0	.0	.0	NA	NA	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	NA	NA	9.1	.0	7.5	.0	.0	0.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	NA	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	NA	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	NA	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	NA	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	NA	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	NA	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	NA	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	65.4	.1	.0	NA	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0
1988	202.9	68.0	.0	.0	NA	1.3	127.7	.0	.0	.0	.0	.0	.0	.6	5.4	.0	.0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	.0	22.0	.0	.0	.0	.0	1.2	6.7	.0	.0
1990	124.8	45.1	.1	.0	NA	.0	57.2	.0	13.7	.0	.0	.0	.0	1.3	7.5	.0	.0
1991	151.8	58.3	.3	14.7	NA	2.1	41.4	.0	25.5	.0	.0	.0	.0	.8	8.8	.0	.0
1992	204.7	58.3	.2	.0	NA	.4	63.7	.0	17.2	.0	.0	.0	.0	1.1	63.8	.0	.0
1993	259.4	55.1	.4	.0	NA	.0	120.2	.0	10.6	.0	.0	.0	.0	9.9	63.3	.0	.0
1994	214.4	38.8	.3	.3	NA	.0	24.8	.0	16.3	.0	.1	.0	.0	20.0	113.7	.0	.0
	Facilities for instruction in S&E																
1971[4]	28.7	0.3	.0	.0	.0	NA	2.3	.0	13.9	.0	0.1	.0	.0	.0	12.1	NA	.0
1972	26.3	.5	.0	.0	.0	NA	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	NA	.0
1973	13.4	.0	.0	.0	.0	NA	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	NA	.0
1974	3.5	.0	.0	.0	.0	NA	.0	.0	.4	.0	**	.0	.0	.0	3.1	NA	.0
1975	5.0	.0	0.1	.0	NA	NA	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	NA	NA	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	NA	NA	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	NA	NA	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	NA	NA	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	NA	.0	.9	0.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	0.2	NA	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	NA	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	NA	.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	0.1	.0
1986	5.0	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1987	13.7	.0	.0	.0	NA	5.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	.0
1988	13.3	.0	2.5	.0	NA	.0	.0	.0	.0	.0	.4	.0	.0	.0	10.4	.0	.0
1989	16.9	.0	1.6	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.0	.0
1990	19.2	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0	.0
1991	32.8	.0	4.7	.1	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	.0	6.2
1992	38.5	.0	7.0	.0	NA	.0	1.3	.0	.0	.0	.0	.0	.0	.0	21.2	.0	9.0
1993	32.4	.0	4.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.2	.0	7.1
1994	49.4	.0	3.3	21.8	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.2	.0	4.1

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-94

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Fellowships, traineeships, and training grants																
1966[4]	365.6	NA	.0	NA	NA	NA	3.2	NA	289.9	NA	.0	NA	NA	25.0	47.5	NA	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	379.1	NA	.0	NA	NA	15.0	49.4	NA	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	387.0	NA	.0	NA	.0	.9	49.4	NA	.0
1969	436.3	NA	.0	NA	.0	NA	5.5	NA	375.7	NA	.0	NA	.0	1.3	53.8	NA	NA
1970	429.4	NA	.0	NA	.0	NA	5.0	NA	369.6	NA	.0	NA	.0	2.1	52.7	NA	.0
1971	421.0	.0	**	.0	.0	NA	2.6	10.1	361.4	.0	**	.0	0.6	1.0	42.3	NA	2.8
1972	387.9	.0	0.4	.0	.0	NA	2.0	5.6	346.6	.0	.0	.0	.0	1.1	28.8	NA	3.5
1973	287.2	.0	.6	.0	.0	NA	2.3	9.2	256.8	.0	.0	.0	.0	1.3	16.4	NA	.7
1974	326.6	.0	**	.0	0.7	NA	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	NA	1.3
1975	201.3	.0	**	.0	NA	NA	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	NA	NA	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	NA	NA	.2	1.3	165.9	.0	.0	.0	.0	1.4	14.8	0.1	.8
1978	205.9	.0	.0	.0	NA	NA	.7	3.6	184.2	.0	3.2	0.6	.0	1.3	11.7	**	.6
1979	204.9	.0	.0	.0	NA	NA	1.9	4.5	182.3	.0	.3	.0	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	NA	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	NA	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	NA	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	0.2	.2	0.7	NA	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	NA	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	NA	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	NA	.0	.5	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2
1988	309.3	4.6	2.6	1.5	NA	13.5	.7	2.0	239.3	.0	.0	.0	**	15.8	29.2	.0	.0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	8.3	256.2	.0	.0	.0	**	13.0	33.0	.0	.2
1990	393.8	7.8	.7	.1	NA	28.5	1.6	3.5	288.9	.0	**	.0	.0	21.7	41.0	.0	.1
1991	469.3	10.9	3.9	1.3	NA	53.9	6.7	8.0	313.2	.0	.0	.0	.0	36.3	34.5	.0	.6
1992	509.8	10.5	4.0	2.7	NA	63.8	8.1	10.6	320.3	.0	.0	.0	.1	40.4	46.1	.0	3.0
1993	526.0	10.5	2.1	2.2	NA	57.7	13.8	8.1	335.4	.0	.0	.0	.4	42.1	47.8	.0	5.9
1994	633.6	10.2	4.7	25.9	NA	99.0	1.9	9.2	387.7	.0	**	.0	.3	43.9	46.1	.0	4.6
	General support for S&E																
1971[4]	99.7	.0	0.2	.0	.0	NA	.0	.0	40.2	.0	1.1	.0	1.2	.0	56.9	NA	.0
1972	83.3	.0	1.5	.0	.0	NA	.0	.0	40.7	.0	1.2	5.2	.0	.0	34.7	NA	.0
1973	39.0	.0	.0	.0	.0	NA	.0	.0	20.2	.0	1.3	2.3	.9	.0	14.2	NA	.0
1974	87.0	.0	.5	.0	.0	NA	.0	.0	64.2	.0	1.6	1.5	1.4	.0	17.8	NA	.0
1975	46.4	.0	1.8	.0	NA	NA	.0	.0	37.3	.0	1.6	4.2	1.5	.0	.0	.0	.0
1976	74.5	.0	4.4	.0	NA	NA	.0	.0	41.8	.0	2.4	2.8	1.5	.0	21.6	.0	.0
1977	75.9	.0	.0	.0	NA	NA	2.5	.0	42.0	.0	1.8	4.1	.0	.0	24.8	0.7	.0
1978	74.4	.0	.0	.0	NA	NA	.3	.0	45.0	.0	5.0	.0	.0	.0	23.8	.0	0.3
1979	92.5	4.7	.0	.0	NA	NA	**	1.3	52.8	.0	4.4	.0	.0	.0	29.3	.0	.0
1980	91.5	.0	.0	.0	NA	.0	5.6	.0	60.1	.0	2.3	.0	.0	.0	23.2	.4	.0
1981	92.7	.0	.0	7.1	NA	.0	.0	.9	60.0	.0	3.1	.0	.0	.0	21.0	.0	.7
1982	80.1	.0	.0	4.8	NA	.0	**	1.7	61.3	2.0	6.8	.0	.0	.0	3.5	.0	.0
1983	94.8	.0	.0	3.2	NA	**	3.7	1.6	73.6	.4	11.2	.0	.0	.0	1.2	.0	.0
1984	112.6	.0	20.3	3.7	NA	.0	.6	2.7	83.9	.0	.0	.0	.0	.0	1.5	.0	.0
1985	119.2	.0	**	1.8	NA	.0	.4	1.1	112.5	.0	.3	.0	.0	.0	3.0	.0	.0
1986	111.1	.0	**	2.1	NA	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	.0
1987	236.9	.0	.0	5.9	NA	108.1	.0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
1988	171.8	.0	.0	2.5	NA	54.8	.2	.0	109.0	.0	2.1	.0	.0	.0	3.4	.0	.0
1989	197.7	.0	.0	1.8	NA	80.2	.0	.0	109.5	.0	3.3	.0	.0	.0	2.9	.0	.0
1990	143.9	.0	1.0	.0	NA	30.1	.5	3.1	102.2	.0	2.7	.0	.0	.0	4.3	.0	.0
1991	192.8	.0	29.4	.0	NA	32.1	.2	3.5	108.7	.0	12.5	.0	.0	.0	6.4	.0	.0
1992	159.2	.0	28.2	.0	NA	36.5	.0	4.0	69.3	.0	12.1	.0	.0	.0	7.7	.0	1.5
1993	66.1	**	15.0	**	NA	4.0	.0	1.9	26.6	.0	7.8	.0	.0	.0	9.8	.0	.8
1994	139.0	.0	43.1	2.8	NA	7.4	8.4	.9	63.5	.0	.2	.0	.0	.0	12.1	.0	.5

See explanatory information, if any, and SOURCE at end of table.

Table B-2. Federal obligations for science and engineering to universities and colleges, by type of activity and agency: fiscal years 1963-94

[Millions of dollars]

Fiscal year	Total	USDA	Com	DoD [1]	OEO	Ed [1]	DOE [2]	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Other S&E activities																
1963	393.1	63.4	0.3	.0	NA	NA	5.3	NA	208.9	NA	**	NA	NA	14.1	101.1	NA	NA
1964	452.2	67.5	.5	.0	NA	NA	5.4	NA	244.6	NA	**	NA	NA	20.2	113.9	NA	NA
1965	595.0	73.3	.6	.0	NA	NA	5.9	NA	359.8	NA	**	NA	NA	25.4	130.1	NA	NA
1966	431.0	76.1	.7	.0	NA	NA	3.1	NA	263.4	NA	0.2	NA	NA	2.3	85.2	NA	NA
1967	464.0	78.8	.7	.0	NA	NA	2.5	NA	256.7	NA	**	NA	NA	2.4	122.8	NA	NA
1968	414.5	80.1	1.0	.0	.0	NA	2.5	NA	186.4	0.7	.4	NA	.0	2.8	140.5	NA	**
1969	395.9	91.1	.5	**	.0	NA	1.0	NA	198.4	.1	.9	.0	.0	3.7	100.2	NA	NA
1970	266.8	113.5	.7	**	.0	NA	1.0	NA	32.2	.0	.6	.0	.0	1.7	117.0	NA	.0
1971	212.4	139.5	.5	.0	.0	NA	.3	.0	15.9	.0	.0	2.0	0.1	4.2	49.9	NA	.0
1972	211.6	149.5	.6	.0	.0	NA	.5	.0	8.6	.0	.0	.0	.0	4.9	47.5	NA	.0
1973	210.8	163.0	2.7	.0	.0	NA	.8	.0	8.0	.0	.0	.0	.4	4.5	31.4	NA	.0
1974	205.7	164.0	2.2	.0	.0	NA	.2	.0	5.7	.0	.0	.0	.0	5.7	27.9	NA	.0
1975	262.3	180.2	1.7	.0	NA	NA	.1	.0	15.3	.0	.0	.0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	.0	NA	NA	.3	.0	17.1	.0	.1	.0	.0	10.7	16.0	.0	.0
1977	248.0	201.0	.3	.0	NA	NA	.3	.0	15.4	.0	.3	.0	.0	5.9	24.9	.0	.0
1978	254.5	216.4	.9	.0	NA	NA	.3	.0	4.1	.0	.0	2.6	.0	4.4	25.6	.0	0.2
1979	263.0	224.0	1.5	.0	NA	NA	3.0	0.1	6.9	.0	.0	.0	.0	4.7	22.4	0.4	.0
1980	287.2	232.3	1.2	.0	NA	.0	2.8	.0	3.4	.0	.0	.0	.0	6.9	40.2	.5	.0
1981	321.5	250.0	.7	17.1	NA	.0	7.9	**	5.3	.0	**	.0	.0	5.7	34.4	.4	**
1982	336.4	273.2	.8	38.2	NA	.0	3.1	.2	3.6	**	.0	.0	.0	4.8	12.4	.0	.0
1983	331.8	282.3	.6	22.9	NA	.0	**	.5	2.8	**	**	.0	.0	7.8	14.8	.0	.0
1984	500.1	324.7	8.2	122.8	NA	.0	.7	**	3.5	.0	.0	.0	**	7.1	33.0	.0	.0
1985	520.5	335.7	1.4	149.5	NA	.0	.1	.0	6.5	.0	.0	.0	**	7.9	19.0	.3	**
1986	506.0	316.8	.8	148.5	NA	.0	**	.0	9.1	.0	.0	.0	.0	7.9	22.9	.0	**
1987	554.8	308.6	.6	171.4	NA	21.4	.0	1.1	10.3	.0	.0	.0	.0	6.9	32.7	.0	1.8
1988	719.6	347.9	.5	179.3	NA	116.4	0	.0	9.6	.0	.0	.0	.0	7.8	55.3	.0	2.9
1989	759.9	349.9	3.8	206.1	NA	96.6	.1	.0	16.5	.0	.0	.0	.0	12.0	71.8	.0	3.1
1990	755.5	360.0	6.8	145.2	NA	130.4	.0	.0	19.2	.0	.0	.0	.0	17.5	73.0	.0	3.3
1991	957.4	389.4	21.8	200.2	NA	171.6	.0	.1	16.6	.0	.1	.0	.0	22.1	132.1	.0	3.5
1992	991.8	408.0	22.9	192.6	NA	197.0	.0	.1	19.2	.0	.0	.0	.0	56.5	87.2	.0	8.3
1993	923.9	412.6	29.9	244.9	NA	.0	.0	.1	40.5	.0	.0	.0	**	75.7	111.2	.0	9.0
1994	934.4	419.9	27.3	237.5	NA	15.3	.0	.0	20.2	.0	.2	.0	**	41.7	170.8	.0	1.5

1 See Technical Notes, "Scope of Survey."

2 Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

3 Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

4 Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. As of 1978 two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-94 but are excluded for prior years. Similarly, Draper Laboratores separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution. Academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-94 do not.

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
OEO = Office of Economic Opportunity
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
AID = Agency for International Development
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
DOT = Department of Transportation
NA = Not available
** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1987-94

[Thousands of dollars]

Geographic division and State	1987	1988	1989	1990	1991	1992	1993	1994
United States, total	8,567,284	9,136,277	10,075,255	10,445,417	11,835,176	12,748,584	12,730,761	13,739,271
New England, total	925,630	960,239	1,050,489	1,080,855	1,185,425	1,274,966	1,299,502	1,308,177
Connecticut	199,015	200,431	212,825	211,615	227,412	248,516	250,100	258,814
Maine	12,315	10,567	13,472	14,400	14,106	16,958	21,668	22,575
Massachusetts	596,293	613,375	695,041	703,406	770,251	832,153	856,104	854,268
New Hampshire	37,833	41,049	40,744	56,636	62,151	72,275	69,368	64,945
Rhode Island	50,654	52,935	54,066	58,013	66,939	66,474	61,632	66,489
Vermont	29,520	41,882	34,341	36,785	44,566	38,590	40,630	41,086
Middle Atlantic, total	1,418,321	1,570,367	1,630,372	1,706,302	1,945,873	2,066,719	2,071,866	2,154,770
New Jersey	112,397	125,296	137,552	154,612	174,224	188,861	220,654	228,532
New York	847,508	922,455	953,671	961,595	1,051,542	1,128,751	1,063,118	1,134,116
Pennsylvania	458,416	522,616	539,149	590,095	720,107	749,107	788,094	792,122
East North Central, total	1,156,505	1,161,320	1,297,920	1,364,643	1,556,662	1,704,139	1,697,741	1,831,043
Illinois	362,085	341,817	376,154	388,997	426,268	449,704	457,096	505,034
Indiana	133,903	129,396	152,837	159,502	184,149	213,601	206,961	207,133
Michigan	244,168	265,190	293,996	311,395	359,383	417,197	418,722	433,431
Ohio	228,665	235,827	264,657	280,503	332,042	348,949	349,018	371,520
Wisconsin	187,684	189,090	210,276	224,246	254,820	274,688	265,944	313,925
West North Central, total	501,410	538,402	607,347	638,037	758,620	800,453	761,185	844,480
Iowa	102,999	113,183	123,733	130,267	152,203	155,419	154,487	176,398
Kansas	48,352	50,579	53,263	59,613	77,885	78,183	74,904	72,154
Minnesota	138,470	143,521	181,606	162,469	203,235	217,916	198,574	228,602
Missouri	154,490	163,920	178,822	197,672	215,475	238,567	228,773	261,041
Nebraska	35,826	33,682	36,412	41,753	57,590	56,959	50,555	55,209
North Dakota	12,428	24,074	21,944	34,656	38,145	38,548	37,358	33,338
South Dakota	8,845	9,443	11,567	11,607	14,087	14,861	16,534	17,738
South Atlantic, total	1,565,950	1,737,599	1,886,134	1,905,168	2,207,763	2,349,525	2,393,287	2,632,719
Delaware	15,447	18,654	19,806	21,401	24,797	32,522	31,341	35,277
District of Columbia	79,830	90,064	83,179	92,097	109,611	102,867	124,045	124,264
Florida	170,524	209,243	224,658	207,885	254,896	280,770	277,287	305,444
Georgia	192,700	207,852	218,107	201,000	262,536	288,643	266,581	316,744
Maryland	619,947	687,951	727,184	743,143	806,276	824,649	862,188	957,386
North Carolina	266,111	290,524	331,683	353,603	408,787	457,755	445,878	502,963
South Carolina	61,337	56,703	66,206	59,214	77,243	81,824	72,275	97,197
Virginia	141,361	149,990	181,976	195,492	217,376	231,743	233,502	238,784
West Virginia	18,693	26,618	33,335	31,333	46,241	48,752	80,190	54,660
East South Central, total	380,655	383,125	396,789	438,242	497,456	527,243	528,684	569,621
Alabama	142,550	140,658	146,708	154,052	187,193	194,653	198,278	213,348
Kentucky	44,161	46,023	52,185	58,015	62,736	73,224	77,019	83,905
Mississippi	64,114	56,130	55,340	62,282	62,751	65,489	71,937	72,120
Tennessee	129,830	140,314	142,556	163,893	184,776	193,877	181,450	200,248
West South Central, total	579,570	634,917	719,335	724,989	835,471	937,257	937,049	1,001,331
Arkansas	26,933	27,309	31,966	36,276	45,598	48,762	50,810	57,856
Louisiana	75,195	90,415	131,872	94,307	120,420	132,632	124,343	140,832
Oklahoma	47,680	49,959	51,175	51,831	57,937	78,338	65,831	77,091
Texas	429,762	467,234	504,322	542,575	611,516	677,525	696,065	725,552
Mountain, total	462,983	489,872	569,182	598,948	706,461	753,739	751,241	876,383
Arizona	97,064	111,731	125,424	128,532	143,136	160,028	159,687	197,655
Colorado	146,076	162,548	166,624	186,161	218,172	245,589	230,680	283,096
Idaho	10,456	13,007	18,473	15,077	26,653	20,400	21,557	26,502
Montana	14,004	13,435	15,688	19,210	23,923	28,948	30,352	34,933
Nevada	18,470	15,578	18,066	24,691	25,221	30,897	29,709	31,374
New Mexico	68,777	68,621	85,501	78,345	100,279	102,536	124,873	131,903
Utah	96,528	93,655	126,891	134,978	154,809	148,954	133,828	152,271
Wyoming	11,608	11,297	12,515	11,954	14,268	16,387	20,555	18,649

See explanatory information, if any, and SOURCE at end of table.

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1987-94

[Thousands of dollars]

Geographic division and State	1987	1988	1989	1990	1991	1992	1993	1994
Pacific, total	1,542,272	1,626,363	1,878,974	1,931,058	2,094,372	2,282,661	2,240,770	2,456,073
Alaska	17,750	18,595	18,866	26,969	29,276	34,064	46,562	40,289
California	1,153,609	1,209,732	1,396,648	1,446,081	1,540,601	1,701,675	1,638,009	1,812,229
Hawaii	44,390	44,992	67,163	55,865	63,538	64,382	67,140	73,607
Oregon	121,304	115,135	139,654	124,739	149,258	157,190	159,513	163,475
Washington	205,219	237,909	256,643	277,404	311,699	325,350	329,546	366,473
Outlying Areas, total	33,988	34,073	38,713	57,175	47,073	51,882	49,436	64,674
Guam	3,490	2,440	2,669	3,091	3,262	2,878	3,334	3,427
Puerto Rico	26,535	27,087	31,638	48,968	38,504	43,412	39,650	54,801
American Samoa	662	665	660	1,223	1,291	1,223	1,233	1,299
Virgin Islands	1,927	2,098	2,083	2,058	2,083	2,405	2,972	2,824
Trust Territory of the Pacific Islands	1,374	1,783	1,663	1,835	1,933	1,964	2,247	2,323

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
Total, all institutions	8,567,284	9,136,277	10,075,255	10,445,417	11,835,176	12,748,584	12,730,761	13,739,271
1 Johns Hopkins University	521,252	584,369	604,567	607,259	649,007	660,675	701,118	764,025
2 University of Washington	178,242	197,823	222,126	243,031	272,312	280,054	279,854	309,554
3 MA Inst of Technology	205,792	209,213	231,126	242,340	256,603	275,279	278,032	290,265
4 Stanford University	218,200	229,617	265,282	273,428	259,929	270,056	268,673	282,549
5 University of Michigan	148,254	161,627	182,243	193,155	218,167	233,782	233,908	263,243
6 U WI Madison	154,716	150,990	171,168	177,043	205,012	222,163	216,148	238,353
7 U CA Los Angeles	158,816	165,303	182,282	188,407	208,394	215,751	207,871	236,522
8 U CA San Diego	159,851	147,737	176,420	174,762	195,440	214,975	217,412	233,129
9 Cornell University	159,517	183,465	181,592	185,443	200,805	218,542	216,602	221,538
10 U CA San Francisco	136,413	158,726	171,384	180,398	191,275	209,638	187,598	217,505
Total 1st 10 institutions	2,041,053	2,188,870	2,388,190	2,465,266	2,656,944	2,800,915	2,807,216	3,056,683
11 Harvard University	141,308	141,655	161,251	165,736	181,438	198,310	187,932	210,011
12 University of PA	119,918	130,853	145,478	157,169	186,678	193,366	201,928	209,073
13 Pennsylvania State U	110,476	136,545	135,192	155,811	166,986	176,046	210,865	207,423
14 University of Minnesota	134,892	137,077	174,043	156,401	196,383	212,327	193,211	204,971
15 Yale University	146,238	148,912	162,017	157,955	171,710	190,388	182,404	200,781
16 Columbia U City New York	144,178	152,746	165,056	167,167	185,237	202,301	205,791	197,615
17 University of Colorado	95,841	113,789	110,494	125,514	150,684	167,427	157,755	190,377
18 U CA Berkeley	108,252	120,153	147,578	139,261	162,359	185,338	162,396	180,754
19 U Southern California	108,279	104,877	118,775	128,756	140,088	151,454	139,412	166,206
20 Duke University	93,242	100,767	117,850	125,861	141,811	151,087	148,467	165,501
Total 1st 20 institutions	3,243,677	3,476,244	3,825,924	3,944,897	4,340,318	4,628,959	4,597,377	4,989,395
21 Washington University	98,794	105,804	115,160	129,031	138,696	148,036	144,275	165,336
22 U NC Chapel Hill	86,555	91,137	105,334	113,418	128,809	151,515	141,698	165,083
23 University of Pittsburgh	77,412	85,644	98,971	123,509	160,599	182,451	141,460	159,158
24 University of Arizona	72,404	80,679	92,224	101,897	108,050	122,610	121,160	157,855
25 U IL at Urbana-Champaign	138,233	111,783	120,659	120,878	136,044	142,329	138,354	146,581
26 University of Rochester	92,059	101,127	106,183	110,524	122,363	132,965	131,252	125,863
27 U TX Austin	79,969	88,400	87,432	107,673	106,147	121,429	146,743	124,128
28 University of Chicago	91,734	95,204	100,914	101,048	114,390	118,031	111,924	114,674
29 Ohio State University	79,097	76,241	86,055	93,961	99,596	109,413	104,657	113,463
30 U Alabama Birmingham	66,082	63,733	75,153	78,304	95,038	98,978	106,141	112,346
Total 1st 30 institutions	4,126,016	4,375,996	4,814,009	5,025,140	5,550,050	5,956,716	5,885,041	6,373,882
31 California Inst of Tech	60,845	70,498	76,974	77,647	90,105	109,877	117,911	109,057
32 Case Western Reserve U	61,205	67,718	74,430	77,149	93,937	94,254	96,798	108,212
33 Northwestern University	56,696	56,268	64,214	68,236	74,318	87,189	90,920	106,116
34 Baylor Col of Medicine	58,377	66,127	72,715	76,110	87,593	89,304	92,755	104,211
35 U CA Davis	53,152	57,751	64,271	71,992	84,517	96,998	92,923	104,100
36 University of Iowa	68,738	78,317	81,838	82,610	92,124	98,913	93,405	100,501
37 University of Utah	60,129	60,614	72,106	68,578	86,945	82,105	82,458	98,827
38 Vanderbilt University	59,361	65,121	71,263	79,794	86,834	93,010	89,140	98,139
39 New York University	81,040	85,649	82,947	80,795	92,019	102,009	82,332	98,081
40 U MD College Park	55,680	61,992	70,824	76,607	87,724	88,747	85,730	97,518
Total 1st 40 institutions	4,741,239	5,046,051	5,545,591	5,784,658	6,426,166	6,899,122	6,809,413	7,398,644
41 Purdue University	59,000	58,368	75,869	76,256	80,046	89,817	89,899	97,422
42 University of Florida	62,070	66,048	70,706	68,732	79,467	109,895	95,915	93,659
43 Indiana University	58,379	55,591	61,604	68,002	78,234	101,156	99,726	90,785
44 Georgia Institute of Tech	65,052	73,860	72,655	56,308	84,402	73,285	62,679	89,839
45 Texas A&M University	55,528	61,589	65,185	69,374	78,795	90,522	90,042	89,252
46 University of Miami	53,565	61,588	63,781	67,130	74,377	75,487	69,919	88,931
47 Michigan State University	60,952	64,010	69,762	73,555	78,909	91,702	98,658	85,993
48 Boston University	57,790	66,861	66,235	65,164	73,893	85,250	107,389	84,504
49 University of Virginia	50,372	51,203	57,292	66,690	76,251	86,007	86,929	84,471
50 Rutgers the St U of NJ	30,956	33,919	44,785	52,623	59,594	72,384	83,492	80,780
Total 1st 50 institutions	5,294,903	5,639,088	6,193,465	6,448,492	7,190,134	7,774,627	7,694,061	8,284,280

See explanatory information, if any, and SOURCE at end of table.

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
51 Louisiana State U All Cmp	46,281	60,498	61,726	59,592	66,521	60,933	81,596	80,457
52 Emory University	48,901	52,231	48,030	51,169	61,596	68,164	67,482	78,294
53 U TX SW Med Ctr Dallas	49,564	50,233	52,642	54,616	59,837	63,950	65,314	77,368
54 Yeshiva University NY	69,823	71,603	75,132	72,469	77,415	77,808	67,942	76,114
55 University of New Mexico	30,857	23,720	29,015	23,327	37,680	43,387	60,999	74,407
56 NC State U Raleigh	43,748	47,126	58,935	58,929	63,505	77,955	71,590	72,875
57 Iowa State University	32,528	33,020	39,047	45,737	52,611	51,250	56,984	71,813
58 Carnegie Mellon U	71,773	75,901	60,277	52,344	55,474	67,580	78,287	70,030
59 U CA Irvine	42,440	42,997	50,199	57,166	55,090	66,369	64,050	69,520
60 Woods Hole Oceangraphic	35,620	35,299	69,486	53,690	54,118	75,329	66,821	68,281
Total 1st 60 institutions	5,766,438	6,131,716	6,737,954	6,977,531	7,773,981	8,427,352	8,375,126	9,023,439
61 Oregon State University	46,060	55,598	56,010	50,803	61,191	62,960	65,003	67,854
62 Princeton University	48,366	49,153	51,396	55,366	58,149	62,373	65,389	67,326
63 Colorado State University	36,924	37,389	42,603	47,205	51,700	59,217	53,949	66,980
64 University of Georgia	44,732	49,415	59,715	53,809	58,205	62,607	68,180	66,858
65 SUNY at Stony Brook	40,134	44,760	44,406	50,890	54,173	61,976	62,504	66,489
66 University of Kentucky	34,352	35,525	40,196	45,674	49,383	57,734	60,649	65,372
67 U CA Santa Barbara	28,064	32,565	41,978	45,373	48,427	51,433	54,855	64,875
68 U MD Baltimore	30,444	32,926	35,918	42,798	51,061	54,644	52,466	64,373
69 U IL Chicago	39,616	43,153	46,266	45,412	50,547	50,882	58,450	64,197
70 Georgetown University	22,555	26,872	26,540	31,928	40,996	39,328	58,418	62,519
Total 1st 70 institutions	6,137,685	6,539,072	7,182,982	7,446,789	8,297,813	8,990,506	8,974,989	9,680,282
71 U Hawaii Manoa	33,789	37,861	54,518	46,354	50,302	49,447	55,880	58,741
72 Wake Forest University	21,938	28,964	28,512	30,149	39,585	40,480	42,526	56,784
73 CUNY Mt Sinai Schl of Med	36,329	49,252	42,970	45,387	51,345	52,529	45,262	55,583
74 University of Cincinnati	40,409	40,048	43,623	42,840	57,676	59,651	56,185	55,436
75 U Med & Dent of NJ	26,387	35,064	34,417	39,183	42,685	42,451	53,773	54,295
76 Oregon Hlth Sciences U	18,946	21,592	51,861	42,390	45,507	47,288	52,299	53,524
77 U TX Hlth Sci Ctr S Anto	28,457	30,247	33,463	36,283	39,114	45,700	48,415	52,408
78 University of Connecticut	43,768	44,984	46,446	49,259	51,205	51,502	61,392	52,171
79 VA Polytech Inst & St U	33,105	36,857	46,491	44,200	45,866	48,216	48,887	51,296
80 U TX MD Anderson Cancer	26,906	29,943	29,202	31,805	36,001	41,546	43,219	49,500
Total 1st 80 institutions	6,447,719	6,893,884	7,594,485	7,854,639	8,757,099	9,469,316	9,482,827	10,220,020
81 Wayne State University	21,999	26,717	28,953	29,491	35,948	44,365	42,735	49,279
82 New Mexico State U	31,851	40,736	50,372	49,158	55,752	50,270	54,072	48,338
83 Tufts University	38,419	37,234	40,240	41,128	43,797	47,324	49,179	47,407
84 Thomas Jefferson U	16,000	18,465	21,242	23,353	27,711	34,914	39,635	47,199
85 U Missouri Columbia	32,635	33,350	35,006	37,359	40,219	50,980	41,967	47,100
86 Medical College WI	17,338	18,654	20,317	22,257	24,318	25,402	26,545	46,591
87 U TX Hlth Sci Ctr Houstn	29,410	28,863	29,849	31,090	34,816	36,307	38,753	46,422
88 Utah State University	30,252	29,426	50,835	60,922	61,827	60,360	44,002	45,689
89 Virginia Commonwealth U	34,298	34,870	45,692	45,376	49,198	48,580	44,029	45,647
90 SUNY at Buffalo	33,352	36,350	40,906	42,655	46,379	48,498	38,110	45,479
Total 1st 90 institutions	6,733,273	7,198,549	7,957,897	8,237,428	9,177,064	9,916,316	9,901,854	10,689,171
91 Washington State U	23,367	29,481	28,153	28,394	33,867	38,102	38,649	43,843
92 Rockefeller University	38,888	39,429	37,014	37,279	42,660	39,281	36,528	43,716
93 U MA Amherst	0	0	0	0	0	37,443	40,237	41,682
94 Dartmouth College	22,576	26,003	25,139	32,905	38,103	42,506	43,641	41,498
95 Tulane University	19,006	18,333	48,420	22,571	25,032	34,068	27,629	41,344
96 U Tennessee Knoxville	0	0	0	0	0	45,099	42,026	40,784
97 University of Vermont	28,175	40,266	33,090	35,295	42,539	36,319	38,481	40,007
98 Brown University	34,916	34,388	35,604	37,066	39,803	40,877	36,887	39,692
99 U MA Worcester	0	0	0	0	0	38,955	36,639	38,872
100 Florida State University	26,445	26,115	29,381	29,152	47,245	38,788	41,966	38,790
Total 1st 100 institutions	6,926,646	7,412,564	8,194,698	8,460,090	9,446,313	10,307,754	10,284,537	11,099,399

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1987-94

[Thousands of dollars]

Geographic division and State	1987	1988	1989	1990	1991	1992	1993	1994
United States, total	7,241,001	7,719,237	8,523,190	9,008,083	10,031,058	10,844,500	10,923,070	11,768,416
New England, total	819,318	840,017	941,872	971,467	1,055,261	1,133,513	1,165,769	1,179,462
Connecticut	174,433	175,972	188,744	189,462	198,672	220,981	216,542	232,135
Maine	8,518	6,618	9,090	10,152	9,740	10,363	13,572	14,163
Massachusetts	536,955	545,068	629,070	635,952	698,233	750,045	784,055	781,635
New Hampshire	34,573	36,766	37,007	52,386	55,501	62,852	62,959	60,228
Rhode Island	40,731	47,349	49,525	51,828	55,243	56,281	52,785	56,200
Vermont	24,108	28,244	28,436	31,687	37,872	32,991	35,856	35,101
Middle Atlantic, total	1,268,422	1,352,552	1,449,666	1,529,911	1,722,528	1,815,725	1,837,890	1,953,122
New Jersey	97,785	104,853	120,932	139,264	150,569	162,478	187,236	200,445
New York	752,897	795,186	843,497	851,970	917,093	977,850	940,993	1,028,033
Pennsylvania	417,740	452,513	485,237	538,677	654,866	675,397	709,661	724,644
East North Central, total	980,913	1,017,478	1,138,247	1,195,813	1,342,300	1,434,882	1,459,330	1,597,037
Illinois	297,266	301,297	324,405	335,877	362,336	376,199	402,046	440,536
Indiana	111,184	111,779	131,315	137,754	155,882	178,443	172,670	178,422
Michigan	213,474	233,121	259,265	274,026	313,736	339,645	341,972	378,445
Ohio	199,011	210,593	238,131	250,885	291,113	305,189	307,340	327,749
Wisconsin	159,978	160,688	185,131	197,271	219,233	235,406	235,302	271,885
West North Central, total	410,069	428,857	472,065	519,933	598,788	642,100	635,670	675,400
Iowa	81,722	89,074	103,214	106,735	124,814	128,927	132,338	142,430
Kansas	35,863	37,228	39,105	44,005	50,895	59,542	62,468	57,070
Minnesota	121,588	123,621	133,439	141,711	172,991	179,822	171,428	187,049
Missouri	129,483	137,276	150,269	169,883	181,893	204,247	197,385	219,311
Nebraska	28,464	25,763	27,462	29,379	42,824	40,864	41,077	40,176
North Dakota	8,109	11,044	11,715	22,429	18,666	21,393	20,995	18,810
South Dakota	4,840	4,851	6,861	5,791	6,705	7,305	9,979	10,554
South Atlantic, total	1,218,784	1,387,350	1,480,512	1,578,357	1,756,029	1,913,703	1,950,023	2,137,115
Delaware	12,067	15,261	16,333	17,922	19,688	26,712	24,421	26,669
District of Columbia	61,057	72,668	71,761	78,658	91,879	87,079	109,857	111,571
Florida	148,757	185,626	196,397	180,487	217,377	242,438	230,017	260,285
Georgia	145,144	168,371	183,963	176,210	193,805	217,915	217,405	232,269
Maryland	460,057	522,341	514,747	588,465	622,221	670,737	687,298	778,083
North Carolina	228,096	246,688	287,838	305,690	340,513	384,413	385,188	429,547
South Carolina	33,516	35,595	38,927	42,668	54,996	60,296	56,957	71,678
Virginia	118,161	126,596	155,454	166,017	181,839	195,471	200,585	201,774
West Virginia	11,929	14,204	15,092	22,240	33,711	28,642	38,295	25,239
East South Central, total	270,537	290,579	312,589	337,519	393,861	424,616	423,725	449,484
Alabama	100,553	106,502	123,373	129,563	155,818	165,504	160,742	178,832
Kentucky	30,721	31,965	37,620	38,098	46,190	56,160	58,818	62,638
Mississippi	31,825	37,891	36,227	36,134	42,970	43,614	51,309	46,681
Tennessee	107,438	114,221	115,369	133,724	148,883	159,338	152,856	161,333
West South Central, total	485,424	517,088	590,849	593,853	677,292	780,022	780,203	831,500
Arkansas	15,487	15,599	19,643	23,537	25,785	29,492	32,467	37,544
Louisiana	59,619	61,456	100,418	68,774	101,680	105,391	96,200	122,099
Oklahoma	32,215	25,495	30,968	35,607	33,148	53,102	45,077	45,507
Texas	378,103	414,538	439,820	465,935	516,679	592,037	606,459	626,350
Mountain, total	392,342	412,409	480,321	533,751	590,747	643,843	671,285	734,216
Arizona	80,345	83,490	103,319	115,683	126,362	137,154	144,422	176,891
Colorado	129,826	145,900	147,301	168,905	185,613	213,474	208,487	240,566
Idaho	6,998	8,647	10,424	10,381	13,694	14,904	16,545	19,120
Montana	8,766	8,554	10,414	13,041	16,216	18,824	24,358	25,281
Nevada	14,955	13,856	16,188	23,022	21,909	25,062	24,865	27,328
New Mexico	55,058	56,238	74,209	70,081	86,483	88,916	112,115	101,821
Utah	86,950	86,648	108,117	122,907	129,584	132,803	123,154	130,214
Wyoming	9,444	9,076	10,349	9,731	10,886	12,706	17,339	12,995

See explanatory information, if any, and SOURCE at end of table.

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1987-94

[Thousands of dollars]

Geographic division and State	1987	1988	1989	1990	1991	1992	1993	1994
Pacific, total	1,379,461	1,457,359	1,637,196	1,725,685	1,868,719	2,026,715	1,970,010	2,176,152
Alaska	15,373	15,928	15,111	25,060	25,441	27,805	34,217	35,716
California	1,057,440	1,109,851	1,258,906	1,316,685	1,398,653	1,547,289	1,466,549	1,622,395
Hawaii	39,410	39,651	47,913	48,231	47,291	49,740	53,615	62,203
Oregon	84,038	91,133	90,801	95,927	124,579	123,692	130,083	137,848
Washington	183,200	200,796	224,465	239,782	272,755	278,189	285,546	317,990
Outlying Areas, total	15,731	15,548	19,873	21,794	25,533	29,381	29,165	34,928
Guam	1,107	1,096	1,193	1,320	1,325	1,656	1,438	1,722
Puerto Rico	12,678	12,354	16,561	18,000	21,650	25,099	24,864	30,187
American Samoa	340	365	290	592	657	680	679	668
Virgin Islands	1,026	1,091	1,052	1,053	1,048	1,167	1,210	1,368
Trust Territory of the Pacific Islands	580	642	777	829	853	779	974	983

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-6. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
Total, all institutions	7,241,001	7,719,237	8,523,190	9,008,083	10,031,058	10,844,500	10,923,070	11,768,416
1 Johns Hopkins University[1]	374,656	431,593	411,879	469,544	490,893	534,128	543,894	612,681
2 University of Washington	164,985	181,301	203,691	217,214	245,288	245,428	246,035	275,905
3 MA Inst of Technology	188,430	187,558	207,157	218,283	232,619	249,852	253,612	267,404
4 Stanford University	201,049	210,572	239,847	247,992	237,842	246,589	249,575	262,438
5 University of Michigan	134,933	148,446	167,865	176,370	193,954	210,000	214,612	240,390
6 U CA Los Angeles	148,575	154,964	170,839	176,735	194,359	202,754	195,788	221,820
7 U CA San Diego	151,768	139,149	166,543	164,774	183,659	202,477	204,063	218,272
8 U WI Madison	134,135	131,186	150,474	155,175	179,079	192,414	190,469	207,625
9 U CA San Francisco	124,811	147,553	159,027	167,270	178,698	195,156	175,388	204,404
10 Cornell University	128,750	134,493	139,954	144,749	156,151	162,331	174,122	194,482
Total 1st 10 institutions	1,752,092	1,866,815	2,017,276	2,138,106	2,292,542	2,441,129	2,447,558	2,705,421
11 University of PA	109,531	120,029	132,805	142,509	169,352	178,002	187,281	190,296
12 Harvard University	123,301	125,242	141,760	148,055	161,719	176,967	169,173	190,125
13 Columbia U City New York	130,724	139,108	150,263	153,171	168,861	190,483	194,910	187,308
14 Pennsylvania State U	94,572	105,443	119,435	136,438	144,400	148,172	173,070	184,376
15 Yale University	132,909	135,421	146,245	142,483	152,513	172,304	169,151	182,754
16 University of Minnesota	119,746	119,831	128,727	137,458	168,854	177,182	167,311	179,848
17 University of Colorado	87,999	105,772	101,345	116,449	128,783	147,935	145,497	166,455
18 Duke University	84,622	92,763	108,611	116,109	128,098	139,864	138,839	154,649
19 University of Pittsburgh	72,236	79,380	91,712	116,581	151,545	168,451	135,678	152,901
20 U Southern California	104,295	99,399	114,766	122,705	133,074	141,449	125,297	149,909
Total 1st 20 institutions	2,812,027	2,989,203	3,252,945	3,470,064	3,799,741	4,081,938	4,053,765	4,444,042
21 Washington University	89,055	95,368	102,974	117,907	125,282	134,336	133,210	149,860
22 U CA Berkeley	96,748	106,844	131,070	121,674	135,393	154,708	133,232	148,838
23 U NC Chapel Hill	81,473	84,918	95,025	100,183	111,501	130,144	129,071	146,606
24 University of Arizona	64,351	65,258	82,913	92,824	95,206	106,229	107,819	144,036
25 U IL at Urbana-Champaign	96,769	95,748	100,062	99,742	110,509	111,615	116,116	119,674
26 University of Rochester	85,674	94,885	98,550	102,453	103,510	103,020	98,935	108,638
27 U Alabama Birmingham	62,240	59,933	70,702	74,529	90,355	94,055	90,737	104,409
28 U TX Austin	76,495	84,400	84,619	91,843	95,063	110,616	117,225	103,155
29 University of Chicago	82,769	84,668	90,611	88,486	97,949	98,668	99,378	102,363
30 Northwestern University	53,061	53,105	57,494	61,100	67,725	81,553	82,636	99,896
Total 1st 30 institutions	3,600,662	3,814,330	4,166,965	4,420,805	4,832,234	5,206,882	5,162,124	5,671,517
31 Case Western Reserve U	56,774	62,989	69,589	71,256	87,747	88,518	89,608	99,483
32 U CA Davis	50,289	55,239	60,100	68,859	79,199	90,500	84,495	98,856
33 Baylor Col of Medicine	56,255	63,117	69,499	72,260	82,849	84,947	88,276	98,514
34 University of Iowa	63,479	72,309	76,059	76,762	85,113	92,133	87,875	94,500
35 New York University	75,966	79,516	77,761	75,749	86,150	96,349	77,694	92,762
36 Ohio State University	64,624	62,946	72,702	80,066	82,106	90,377	84,121	92,320
37 Vanderbilt University	54,653	58,389	63,978	70,585	76,443	84,390	82,091	87,238
38 University of Utah	56,590	56,686	61,361	65,250	71,966	76,441	77,407	84,896
39 California Inst of Tech	57,122	65,982	69,335	69,228	80,585	97,956	87,702	83,772
40 University of Miami	49,547	58,241	60,135	63,707	68,511	71,329	67,315	83,694
Total 1st 40 institutions	4,185,961	4,449,744	4,847,484	5,134,527	5,632,903	6,079,822	5,988,708	6,587,552
41 Indiana University	50,005	52,664	55,449	61,435	69,205	88,348	81,374	82,941
42 U MD College Park	48,728	54,580	60,252	64,723	72,115	71,868	76,300	80,617
43 Purdue University	46,227	45,907	62,751	62,572	64,543	71,298	74,920	77,870
44 Boston University	53,381	53,930	60,029	59,380	67,153	79,255	102,642	77,844
45 University of Virginia	44,831	46,045	51,990	60,796	66,916	77,182	79,221	76,395
46 Emory University	47,294	50,889	45,840	49,581	57,385	65,424	64,526	75,391
47 University of Florida	52,888	55,748	58,696	55,498	63,270	92,533	77,341	73,037
48 U TX SW Med Ctr Dallas	45,994	46,645	48,591	50,504	55,878	60,673	61,269	72,361
49 Yeshiva University NY	65,028	67,096	68,553	67,045	72,115	73,413	64,627	71,337
50 Louisiana State U All Cmp	36,501	38,882	39,088	40,886	55,952	46,206	58,197	67,690
Total 1st 50 institutions	4,676,838	4,962,130	5,398,723	5,706,947	6,277,435	6,806,022	6,729,125	7,343,035

See explanatory information, if any, and SOURCE at end of table.

Table B-6. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
51 Michigan State University	48,797	50,891	54,382	56,619	62,793	70,464	67,666	67,422
52 Woods Hole Oceangraphic	34,711	35,285	67,289	50,751	50,891	72,601	61,399	66,791
53 Carnegie Mellon U	69,454	74,577	57,605	50,025	50,167	63,586	74,865	66,468
54 U CA Irvine	39,384	40,947	47,303	53,429	51,046	63,114	61,567	66,146
55 Rutgers the St U of NJ	25,650	28,645	36,241	44,642	45,852	57,574	70,059	64,394
56 Princeton University	44,286	45,365	47,037	50,474	51,233	55,524	59,871	62,041
57 SUNY at Stony Brook	38,014	41,905	41,251	45,868	50,403	57,915	58,590	61,832
58 Georgetown University	20,046	25,230	24,728	28,740	37,668	36,514	56,523	61,119
59 U MD Baltimore	28,278	31,322	34,648	41,100	48,125	51,943	49,992	61,050
60 U IL Chicago	36,434	39,779	43,271	42,293	46,517	47,144	55,202	60,139
Total 1st 60 institutions	5,061,892	5,376,076	5,852,478	6,170,888	6,772,130	7,382,401	7,344,859	7,980,437
61 U CA Santa Barbara	27,322	31,878	37,444	41,661	44,469	49,055	51,459	60,008
62 Texas A&M University	38,083	43,216	44,928	47,221	52,367	58,778	65,174	59,688
63 University of New Mexico	25,078	20,136	24,835	20,132	32,446	38,624	55,827	58,306
64 Colorado State University	31,492	32,164	36,120	40,820	43,671	50,486	46,360	56,550
65 Oregon State University	40,059	40,988	42,562	44,473	51,297	52,253	53,999	53,854
66 CUNY Mt Sinai Schl of Med	34,851	35,220	40,873	43,954	50,037	51,178	43,638	53,533
67 University of Cincinnati	34,648	37,430	40,996	38,364	51,490	53,039	51,936	52,371
68 U Med & Dent of NJ	22,239	25,647	32,369	38,066	41,465	41,046	41,788	52,020
69 Wake Forest University	21,100	27,572	27,314	29,019	35,224	36,901	37,768	51,789
70 Georgia Institute of Tech	45,145	55,472	60,934	54,250	56,008	45,833	60,577	51,372
Total 1st 70 institutions	5,381,909	5,725,799	6,240,853	6,568,848	7,230,604	7,859,594	7,853,385	8,529,928
71 U Hawaii Manoa	29,154	33,044	36,693	40,049	38,814	41,139	47,254	50,628
72 NC State U Raleigh	30,195	31,743	43,466	43,900	43,697	55,126	50,661	49,998
73 U TX Hlth Sci Ctr S Anto	26,725	28,017	31,534	33,306	36,999	44,186	44,987	48,910
74 Oregon Hlth Sciences U	17,884	20,670	23,231	25,344	43,481	35,293	37,898	48,890
75 University of Georgia	33,489	37,190	45,627	39,759	42,455	46,752	51,903	48,882
76 University of Kentucky	23,826	24,401	28,829	29,288	35,914	45,219	46,594	48,581
77 U TX MD Anderson Cancer	26,134	28,408	27,772	30,650	34,693	40,442	42,602	48,434
78 Iowa State University	17,379	15,955	25,987	28,915	34,028	34,054	41,468	45,780
79 Wayne State University	19,603	24,680	26,945	27,689	33,280	40,171	40,172	45,430
80 Tufts University	36,241	35,341	38,566	39,142	41,585	44,355	45,015	45,144
Total 1st 80 institutions	5,642,539	6,005,248	6,569,503	6,906,890	7,615,550	8,286,331	8,301,939	9,010,605
81 Thomas Jefferson U	15,076	17,529	19,583	22,195	26,068	33,405	38,180	45,066
82 U TX Hlth Sci Ctr Houstn	28,148	27,547	28,591	29,943	33,381	35,209	37,465	44,846
83 University of Connecticut	38,806	38,167	39,761	43,589	42,860	43,477	42,992	44,797
84 Medical College WI	16,155	17,900	19,585	21,747	23,281	24,714	24,713	43,635
85 Rockefeller University	37,051	37,317	35,586	35,423	39,718	37,512	35,184	42,406
86 Virginia Commonwealth U	31,477	32,413	42,684	42,678	46,324	45,448	40,568	41,572
87 Tulane University	18,062	17,240	46,873	21,729	24,276	33,039	27,238	40,907
88 Dartmouth College	21,489	24,095	24,065	31,409	36,042	40,035	41,349	40,051
89 Utah State University	25,170	26,696	43,219	52,740	52,338	50,608	38,841	38,385
90 VA Polytech Inst & St U	23,588	27,265	34,585	32,239	32,454	35,678	36,841	38,360
Total 1st 90 institutions	5,897,561	6,271,417	6,904,035	7,240,582	7,972,292	8,665,456	8,665,310	9,430,630
91 SUNY at Buffalo	27,255	29,884	33,934	36,291	39,895	40,287	31,455	37,932
92 Florida State University	25,570	24,845	28,021	27,531	45,334	36,794	26,847	37,801
93 U MA Worcester	0	0	0	0	0	37,937	34,574	37,460
94 New Mexico State U	25,072	33,214	44,210	45,177	48,578	42,619	47,265	37,287
95 Brown University	27,710	31,367	33,000	33,342	36,015	35,819	34,483	36,998
96 University of Vermont	23,922	27,914	28,157	31,402	37,294	32,272	33,915	34,889
97 University of Kansas	22,988	23,179	23,380	27,212	28,341	34,480	33,522	34,886
98 U MA Amherst	0	0	0	0	0	31,311	35,227	33,628
99 U Alaska Fairbanks	13,819	14,167	14,152	21,754	22,165	26,614	31,738	31,747
100 U TX Med Brnch Galveston	20,202	22,154	23,096	20,404	25,272	29,238	28,616	31,445
Total 1st 100 institutions	6,084,099	6,478,141	7,131,985	7,483,695	8,255,186	9,012,827	9,002,952	9,784,703

[1] See Technical Notes, "Scope of Survey."

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-35.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1994

[Thousands of dollars]

Agency	Total	Research and development				R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research [1]	Advanced technology development [1]	Major systems development [1]					
Total, all agencies	13,739,271	11,768,416	NA	NA	NA	214,385	49,398	633,625	139,005	934,442
Department of Agriculture	939,076	470,063	NA	NA	NA	38,834	0	10,234	0	419,945
Department of Commerce	162,989	84,156	NA	NA	NA	324	3,331	4,747	43,148	27,283
Department of Defense	1,888,990	1,600,586	1,255,908	157,476	187,202	326	21,800	25,921	2,840	237,517
Army	324,459	276,765	229,507	27,981	19,277	296	0	4,975	0	42,423
Navy	1,081,691	928,831	722,867	55,793	150,171	0	0	546	32	152,282
Air Force	345,697	300,902	247,394	38,107	15,401	30	6,800	0	2,347	35,618
Other Department of Defense	137,143	94,088	56,140	35,595	2,353	0	15,000	20,400	461	7,194
Department of Education	155,571	33,887	NA	NA	NA	0	0	98,959	7,431	15,294
Department of Energy	616,112	580,985	NA	NA	NA	24,779	0	1,923	8,425	0
Environmental Protection Agency	144,642	134,603	NA	NA	NA	0	0	9,154	885	0
Department of Health & Human Services	6,890,100	6,402,384	NA	NA	NA	16,331	0	387,706	63,510	20,169
Administration on Aging	6,046	2,993	NA	NA	NA	0	0	3,053	0	0
Administration for Children & Families	63,004	63,004	NA	NA	NA	0	0	0	0	0
Agency for Health Care Policy & Research	60,283	56,458	NA	NA	NA	0	0	3,825	0	0
Agency for Toxic Substances & Disease Registry	670	81	NA	NA	NA	0	0	0	589	0
Centers for Disease Control & Prevention	32,647	32,587	NA	NA	NA	0	0	60	0	0
Food & Drug Administration	14,271	10,128	NA	NA	NA	0	0	1,803	0	2,340
Health Care Financing Administration	7,493	7,493	NA	NA	NA	0	0	0	0	0
Health Resources & Services Administration	47,920	1,252	NA	NA	NA	0	0	46,668	0	0
Indian Health Service	2,795	73	NA	NA	NA	0	0	2,722	0	0
National Institutes of Health	6,651,571	6,224,915	NA	NA	NA	16,331	0	329,575	62,921	17,829
Office of the Assistant Secretary for Health	321	321	NA	NA	NA	0	0	0	0	0
Social Security Administration	1,381	1,381	NA	NA	NA	0	0	0	0	0
Other Dept of Health & Human Services	1,698	1,698	NA	NA	NA	0	0	0	0	0
Department of Housing & Urban Development	847	847	NA	NA	NA	0	0	0	0	0
Department of the Interior	64,335	63,788	NA	NA	NA	101	0	40	202	204
Department of Labor	4,795	4,505	NA	NA	NA	0	0	280	0	10
Department of Transportation	70,387	59,703	NA	NA	NA	0	4,085	4,640	478	1,481
Agency for International Development	12,837	12,837	NA	NA	NA	0	0	0	0	0
National Aeronautics & Space Administration	740,128	634,500	NA	NA	NA	19,977	0	43,939	0	41,712
National Science Foundation	2,042,119	1,679,229	NA	NA	NA	113,713	20,182	46,082	12,086	170,827
Nuclear Regulatory Commission	6,343	6,343	NA	NA	NA	0	0	0	0	0

[1] Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

[2] See Technical Notes, "Scope of Survey."

KEY: NA = not available

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1994

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	$13,739,271	$11,768,416	$214,385	$49,398	$633,625	$139,005	$934,442
Number of institutions	1,153	923	197	377	543	407	321
Alabama:							
Obligations (thousands)	$213,348	$178,832	$2,648	$584	$10,958	$4,041	$16,285
Number of institutions	23	17	2	7	14	14	8
Alaska:							
Obligations (thousands)	$40,289	$35,716	$120	$20	$437	$908	$3,088
Number of institutions	4	4	1	1	2	2	2
Arizona:							
Obligations (thousands)	$197,655	$176,891	$2,786	$485	$7,788	$785	$8,920
Number of institutions	10	9	1	4	3	4	3
Arkansas:							
Obligations (thousands)	$57,856	$37,544	$3,741	$146	$3,769	$890	$11,766
Number of institutions	13	10	1	3	8	5	5
California:							
Obligations (thousands)	$1,812,229	$1,622,395	$16,893	$2,278	$91,384	$11,608	$67,671
Number of institutions	96	68	17	30	45	33	30
Colorado:							
Obligations (thousands)	$283,096	$240,566	$5,283	$189	$12,942	$14,145	$9,971
Number of institutions	16	11	4	5	9	6	7
Connecticut:							
Obligations (thousands)	$258,814	$232,135	$3,900	$462	$15,340	$1,588	$5,389
Number of institutions	14	12	1	7	10	5	4
Delaware:							
Obligations (thousands)	$35,277	$26,669	$946	$0	$1,514	$1,732	$4,416
Number of institutions	4	2	2	0	3	2	3
District of Columbia:							
Obligations (thousands)	$124,264	$111,571	$131	$19	$5,640	$3,952	$2,951
Number of institutions	8	7	1	1	7	8	6
Florida:							
Obligations (thousands)	$305,444	$260,285	$8,863	$1,263	$16,921	$6,120	$11,992
Number of institutions	29	25	7	7	15	10	9
Georgia:							
Obligations (thousands)	$316,744	$232,269	$5,487	$567	$15,146	$5,168	$58,107
Number of institutions	31	21	4	15	16	13	9
Hawaii:							
Obligations (thousands)	$73,607	$62,203	$511	$0	$2,383	$3,363	$5,147
Number of institutions	4	3	1	0	3	3	2
Idaho:							
Obligations (thousands)	$26,502	$19,120	$1,571	$179	$892	$443	$4,297
Number of institutions	5	4	2	2	2	3	2
Illinois:							
Obligations (thousands)	$505,034	$440,536	$5,493	$2,138	$27,327	$2,545	$26,995
Number of institutions	44	27	7	19	24	13	11
Indiana:							
Obligations (thousands)	$207,133	$178,422	$3,968	$401	$7,342	$705	$16,295
Number of institutions	14	10	3	8	8	3	3
Iowa:							
Obligations (thousands)	$176,398	$142,430	$1,341	$405	$8,471	$521	$23,230
Number of institutions	19	14	3	9	5	3	3
Kansas:							
Obligations (thousands)	$72,154	$57,070	$2,668	$63	$3,815	$151	$8,387
Number of institutions	6	6	2	2	4	3	4

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1994

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	$83,905	$62,638	$503	$599	$3,676	$386	$16,103
Number of institutions	14	9	2	8	5	3	2
Louisiana:							
Obligations (thousands)	$140,832	$122,099	$450	$36	$4,904	$2,814	$10,529
Number of institutions	18	18	1	3	10	6	7
Maine:							
Obligations (thousands)	$22,575	$14,163	$1,223	$236	$736	$1,353	$4,864
Number of institutions	12	10	2	3	5	3	2
Maryland:							
Obligations (thousands)	$957,386	$778,083	$4,063	$249	$24,612	$2,008	$148,371
Number of institutions	34	31	3	5	14	10	11
Massachusetts:							
Obligations (thousands)	$854,268	$781,635	$11,969	$548	$44,342	$2,965	$12,809
Number of institutions	41	38	10	11	19	12	8
Michigan:							
Obligations (thousands)	$433,431	$378,445	$4,427	$721	$19,379	$2,999	$27,460
Number of institutions	31	29	7	14	9	6	9
Minnesota:							
Obligations (thousands)	$228,602	$187,049	$2,181	$15,883	$8,300	$704	$14,485
Number of institutions	22	17	3	13	7	3	3
Mississippi:							
Obligations (thousands)	$72,120	$46,681	$1,798	$122	$3,730	$1,985	$17,804
Number of institutions	14	10	3	3	10	10	5
Missouri:							
Obligations (thousands)	$261,041	$219,311	$5,809	$300	$14,796	$525	$20,300
Number of institutions	22	17	5	9	11	6	8
Montana:							
Obligations (thousands)	$34,933	$25,281	$1,917	$0	$1,135	$798	$5,802
Number of institutions	9	7	1	0	4	4	2
Nebraska:							
Obligations (thousands)	$55,209	$40,176	$256	$49	$1,533	$116	$13,079
Number of institutions	7	5	1	2	5	4	6
Nevada:							
Obligations (thousands)	$31,374	$27,328	$52	$40	$1,238	$531	$2,185
Number of institutions	5	4	1	1	2	3	2
New Hampshire:							
Obligations (thousands)	$64,945	$60,228	$0	$85	$1,804	$284	$2,544
Number of institutions	9	6	0	3	4	3	2
New Jersey:							
Obligations (thousands)	$228,532	$200,445	$5,401	$667	$8,881	$1,908	$11,230
Number of institutions	22	16	4	9	8	6	7
New Mexico:							
Obligations (thousands)	$131,903	$101,821	$3,415	$6,890	$7,636	$2,124	$10,017
Number of institutions	10	8	3	3	4	4	4
New York:							
Obligations (thousands)	$1,134,116	$1,028,033	$20,627	$2,123	$46,643	$6,834	$29,856
Number of institutions	102	87	18	40	51	35	15
North Carolina:							
Obligations (thousands)	$502,963	$429,547	$10,338	$1,493	$27,618	$5,902	$28,065
Number of institutions	33	27	7	9	19	16	10
North Dakota:							
Obligations (thousands)	$33,338	$18,810	$3,626	$2,827	$2,214	$511	$5,350
Number of institutions	12	6	2	1	6	6	3

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1994

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio:							
Obligations (thousands)	$371,520	$327,749	$1,795	$721	$16,426	$3,081	$21,748
Number of institutions	33	28	5	19	16	12	10
Oklahoma:							
Obligations (thousands)	$77,091	$45,507	$786	$316	$3,221	$2,112	$25,149
Number of institutions	13	10	1	4	6	4	7
Oregon:							
Obligations (thousands)	$163,475	$137,848	$5,746	$248	$11,509	$1,821	$6,303
Number of institutions	22	20	3	7	8	4	3
Pennsylvania:							
Obligations (thousands)	$792,122	$724,644	$8,686	$1,430	$29,191	$4,391	$23,780
Number of institutions	66	55	11	22	24	13	10
Rhode Island:							
Obligations (thousands)	$66,489	$56,200	$578	$0	$3,572	$1,089	$5,050
Number of institutions	5	4	2	0	2	3	2
South Carolina:							
Obligations (thousands)	$97,197	$71,678	$2,066	$555	$5,174	$2,192	$15,532
Number of institutions	21	15	4	9	6	7	6
South Dakota:							
Obligations (thousands)	$17,738	$10,554	$253	$0	$791	$20	$6,120
Number of institutions	9	7	2	0	7	1	3
Tennessee:							
Obligations (thousands)	$200,248	$161,333	$3,945	$53	$14,126	$2,849	$17,942
Number of institutions	20	19	5	2	10	11	7
Texas:							
Obligations (thousands)	$725,552	$626,350	$5,121	$1,972	$30,977	$9,152	$51,980
Number of institutions	69	60	8	16	36	29	18
Utah:							
Obligations (thousands)	$152,271	$130,214	$12,662	$82	$4,835	$250	$4,228
Number of institutions	7	4	3	2	3	5	2
Vermont:							
Obligations (thousands)	$41,086	$35,101	$575	$73	$1,930	$184	$3,223
Number of institutions	6	5	2	2	2	1	2
Virginia:							
Obligations (thousands)	$238,784	$201,774	$3,431	$573	$15,187	$1,785	$16,034
Number of institutions	36	26	6	14	17	13	8
Washington:							
Obligations (thousands)	$366,473	$317,990	$6,678	$591	$20,428	$5,038	$15,748
Number of institutions	25	23	4	8	9	6	7
West Virginia:							
Obligations (thousands)	$54,660	$25,239	$10,056	$0	$3,246	$270	$15,849
Number of institutions	8	8	2	0	2	2	2
Wisconsin:							
Obligations (thousands)	$313,925	$271,885	$6,246	$527	$14,757	$1,610	$18,900
Number of institutions	28	23	5	12	11	5	8
Wyoming:							
Obligations (thousands)	$18,649	$12,995	$1,331	$19	$254	$335	$3,715
Number of institutions	3	3	1	1	1	1	1
Guam:							
Obligations (thousands)	$3,427	$1,722	$0	$0	$0	$485	$1,220
Number of institutions	1	1	0	0	0	1	1

See explanatory information, if any, and SOURCE at end of table.

Table B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 1994

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Puerto Rico:							
Obligations (thousands)	$54,801	$30,187	$25	$171	$2,603	$8,575	$13,240
Number of institutions	20	13	1	2	11	16	3
American Samoa:							
Obligations (thousands)	$1,299	$668	$0	$0	$0	$6	$625
Number of institutions	1	1	0	0	0	1	1
Virgin Islands:							
Obligations (thousands)	$2,824	$1,368	$0	$0	$152	$318	$986
Number of institutions	1	1	0	0	1	1	1
Trust Territory of the Pacific Islands:							
Obligations (thousands)	$2,323	$983	$0	$0	$0	$30	$1,310
Number of institutions	2	2	0	0	0	1	2

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
United States, total	13,739,271	939,076	162,989	1,888,990	155,571	616,112	144,642	6,890,100	64,335	740,128	2,042,119	95,209
New England, total	1,308,177	54,069	17,308	148,780	7,556	100,632	10,088	671,777	3,359	66,840	222,339	5,429
Connecticut	258,814	6,454	3,961	11,490	1,090	11,898	584	200,346	127	1,651	21,037	176
Maine	22,575	9,200	3,254	1,769	513	214	928	2,054	243	179	4,221	0
Massachusetts	854,268	22,547	5,783	121,823	3,974	83,909	6,140	386,056	2,034	51,538	165,211	5,253
New Hampshire	64,945	4,889	940	2,423	295	1,497	1,033	35,074	231	9,751	8,812	0
Rhode Island	66,489	3,872	3,370	10,477	185	2,551	1,199	21,954	573	3,408	18,900	0
Vermont	41,086	7,107	0	798	1,499	563	204	26,293	151	313	4,158	0
Middle Atlantic, total	2,154,770	66,742	5,458	251,966	17,998	95,843	12,404	1,258,149	4,809	51,982	372,392	17,027
New Jersey	228,532	12,559	3,031	33,726	750	11,904	4,827	95,284	183	6,506	53,924	5,838
New York	1,134,116	30,064	1,579	70,891	10,326	61,879	4,089	717,710	1,463	23,928	208,331	3,856
Pennsylvania	792,122	24,119	848	147,349	6,922	22,060	3,488	445,155	3,163	21,548	110,137	7,333
East North Central, total	1,831,043	122,963	8,044	197,707	23,422	79,236	22,221	925,332	2,422	73,322	359,065	17,309
Illinois	505,034	24,693	1,338	49,140	8,597	22,421	950	248,338	379	10,928	133,718	4,532
Indiana	207,133	23,166	1,226	13,217	2,196	16,804	1,010	89,712	229	5,358	50,403	3,812
Michigan	433,431	27,557	1,676	37,709	2,239	13,424	10,224	236,374	351	19,067	81,991	2,819
Ohio	371,520	22,621	186	61,544	5,625	7,461	7,113	196,000	735	23,644	40,717	5,874
Wisconsin	313,925	24,926	3,618	36,097	4,765	19,126	2,924	154,908	728	14,325	52,236	272
West North Central, total	844,480	129,363	12,073	47,286	10,841	31,756	11,224	462,967	4,507	21,072	100,055	13,336
Iowa	176,398	27,186	10,412	6,478	1,598	8,763	2,461	89,467	133	6,115	16,984	6,801
Kansas	72,154	14,493	38	3,052	2,170	4,701	3,369	29,533	793	2,847	10,415	743
Minnesota	228,602	20,805	1,311	25,990	2,674	6,165	2,711	130,430	506	2,557	33,964	1,489
Missouri	261,041	29,846	312	7,443	2,634	4,311	768	187,395	2,087	4,777	20,985	483
Nebraska	55,209	16,629	0	3,714	602	809	259	20,492	384	1,774	10,527	19
North Dakota	33,338	12,467	0	556	1,024	7,007	1,462	3,444	134	437	3,006	3,801
South Dakota	17,738	7,937	0	53	139	0	194	2,206	470	2,565	4,174	0
South Atlantic, total	2,632,719	159,664	40,548	699,110	28,664	96,239	37,755	1,155,036	8,253	130,037	256,208	21,205
Delaware	35,277	5,553	2,969	6,924	2,178	937	1,086	4,945	175	987	9,503	20
District of Columbia	124,264	1,700	614	23,710	3,796	2,756	463	71,893	101	7,618	8,973	2,640
Florida	305,444	22,098	8,957	42,468	4,420	17,072	2,254	127,735	1,829	20,683	56,194	1,734
Georgia	316,744	28,071	8,194	72,783	3,211	19,909	10,593	128,800	845	12,089	31,125	1,124
Maryland	957,386	14,995	4,980	492,369	3,706	14,642	4,936	338,406	169	33,312	48,725	1,146
North Carolina	502,963	38,212	8,524	26,393	4,082	9,535	13,155	334,580	619	8,317	54,284	5,262
South Carolina	97,197	17,506	4,189	6,406	1,137	18,252	556	32,278	472	1,373	14,813	215
Virginia	238,784	22,736	1,356	26,577	5,277	8,243	1,472	108,191	2,602	22,231	32,040	8,059
West Virginia	54,660	8,793	765	1,480	857	4,893	3,240	8,208	1,441	23,427	551	1,005
East South Central, total	569,621	104,151	1,912	43,265	9,805	20,758	3,627	293,960	4,433	36,204	50,443	1,063
Alabama	213,348	25,501	649	18,424	4,055	3,844	1,906	115,038	1,577	25,729	16,170	455
Kentucky	83,905	23,709	67	2,467	1,603	4,831	482	38,763	326	1,684	9,939	34
Mississippi	72,120	28,722	1,095	7,412	1,889	5,046	320	14,572	1,526	2,181	9,250	107
Tennessee	200,248	26,219	101	14,962	2,258	7,037	919	125,587	1,004	6,610	15,084	467
West South Central, total	1,001,331	108,142	8,149	124,143	14,910	43,549	17,301	509,707	3,670	49,922	115,256	6,582
Arkansas	57,856	22,897	0	5,653	3,641	299	298	17,669	246	976	5,167	1,010
Louisiana	140,832	18,014	2,961	21,583	1,324	12,605	5,169	60,400	2,593	3,703	10,368	2,112
Oklahoma	77,091	16,993	1,555	10,018	2,182	3,215	1,113	18,214	151	8,592	14,148	910
Texas	725,552	50,238	3,633	86,889	7,763	27,430	10,721	413,424	680	36,651	85,573	2,550

See explanatory information, if any, and SOURCE at end of table.

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
Mountain, total	876,383	71,551	25,205	126,062	16,121	32,855	14,201	308,441	14,025	113,488	149,097	5,337
Arizona	197,655	10,718	590	20,673	3,941	5,217	2,834	65,643	1,614	50,911	33,979	1,535
Colorado	283,096	13,615	23,188	21,843	4,308	8,906	2,351	131,643	3,733	22,047	51,114	348
Idaho	26,502	9,104	47	749	806	468	789	2,488	2,705	389	6,481	2,476
Montana	34,933	10,357	400	1,638	1,395	414	616	5,493	674	1,359	12,585	2
Nevada	31,374	4,024	606	205	261	4,114	5,083	7,277	1,914	597	7,268	25
New Mexico	131,903	8,231	30	49,295	2,828	9,460	218	27,303	702	23,143	10,462	231
Utah	152,271	9,709	344	29,252	2,377	3,893	2,270	67,683	1,994	13,912	20,493	344
Wyoming	18,649	5,793	0	2,407	205	383	40	911	689	1,130	6,715	376
Pacific, total	2,456,073	101,865	43,704	249,410	24,371	113,941	15,327	1,278,396	18,551	194,712	407,981	7,815
Alaska	40,289	3,681	3,557	1,576	325	473	128	2,107	3,091	13,413	11,937	1
California	1,812,229	37,292	19,407	201,902	14,563	83,569	9,909	972,195	10,701	159,168	299,707	3,816
Hawaii	73,607	12,716	8,459	3,719	1,110	3,167	0	19,473	1,288	8,582	15,016	77
Oregon	163,475	20,730	3,469	10,368	5,633	9,299	3,985	72,465	1,302	3,808	30,223	2,193
Washington	366,473	27,446	8,812	31,845	2,740	17,433	1,305	212,156	2,169	9,741	51,098	1,728
Outlying Areas, total	64,674	20,566	588	1,261	1,883	1,303	494	26,335	306	2,549	9,283	106
Guam	3,427	2,313	0	211	0	0	0	568	205	0	130	0
Puerto Rico	54,801	12,755	588	1,050	1,847	1,303	494	24,861	101	2,549	9,153	100
American Samoa	1,299	1,293	0	0	6	0	0	0	0	0	0	0
Virgin Islands	2,824	2,047	0	0	0	0	0	771	0	0	0	6
Trust Territory of the Pacific Islands	2,323	2,158	0	0	30	0	0	135	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
United States, total	633,625	10,234	4,747	25,921	98,959	1,923	9,154	387,706	40	43,939	46,082	4,920
New England, total	67,724	264	596	4,931	5,062	0	0	45,574	0	2,028	9,037	232
Connecticut	15,340	0	59	1,299	1,090	0	0	11,761	0	249	806	76
Maine	736	0	199	0	308	0	0	183	0	0	46	0
Massachusetts	44,342	216	183	2,360	2,537	0	0	30,102	0	909	7,879	156
New Hampshire	1,804	0	27	0	168	0	0	1,266	0	281	62	0
Rhode Island	3,572	0	128	1,272	160	0	0	1,372	0	419	221	0
Vermont	1,930	48	0	0	799	0	0	890	0	170	23	0
Middle Atlantic, total	84,715	228	13	1,991	9,001	0	655	63,371	0	3,084	5,578	794
New Jersey	8,881	0	0	1,505	384	0	509	4,512	0	324	1,438	209
New York	46,643	0	13	245	4,894	0	146	37,165	0	1,477	2,516	187
Pennsylvania	29,191	228	0	241	3,723	0	0	21,694	0	1,283	1,624	398
East North Central, total	85,231	1,286	209	3,605	14,216	116	565	53,037	0	4,064	7,866	267
Illinois	27,327	216	0	410	5,636	29	64	16,570	0	1,075	3,327	0
Indiana	7,342	392	59	102	1,990	0	0	3,759	0	376	664	0
Michigan	19,379	216	0	1,702	1,311	87	39	12,991	0	946	1,820	267
Ohio	16,426	66	12	1,301	3,449	0	462	9,211	0	1,176	749	0
Wisconsin	14,757	396	138	90	1,830	0	0	10,506	0	491	1,306	0
West North Central, total	39,920	1,772	49	2,609	5,620	135	471	25,962	0	2,038	864	400
Iowa	8,471	130	0	1,298	1,135	0	324	4,930	0	591	22	41
Kansas	3,815	79	0	1,301	662	0	0	1,398	0	304	66	5
Minnesota	8,300	396	49	4	1,061	0	147	5,692	0	315	486	150
Missouri	14,796	841	0	0	1,443	112	0	11,852	0	258	290	0
Nebraska	1,533	326	0	2	412	0	0	545	0	229	0	19
North Dakota	2,214	0	0	4	768	23	0	1,064	0	170	0	185
South Dakota	791	0	0	0	139	0	0	481	0	171	0	0
South Atlantic, total	115,058	2,532	2,164	2,748	19,069	112	5,388	63,974	40	13,672	3,925	1,434
Delaware	1,514	348	155	0	128	0	0	387	0	341	155	0
District of Columbia	5,640	0	25	0	2,493	0	0	2,600	0	293	0	229
Florida	16,921	355	1,473	51	3,727	0	218	7,746	0	3,015	144	192
Georgia	15,146	63	184	1,330	1,874	19	0	5,926	40	4,620	1,042	48
Maryland	24,612	203	71	0	2,886	0	346	18,526	0	1,799	667	114
North Carolina	27,618	459	126	104	3,116	37	2,824	18,506	0	524	1,343	579
South Carolina	5,174	603	122	1,228	684	19	0	1,958	0	377	156	27
Virginia	15,187	501	8	35	3,520	37	0	8,150	0	2,428	418	90
West Virginia	3,246	0	0	0	641	0	2,000	175	0	275	0	155
East South Central, total	32,490	1,842	66	2,422	6,225	160	133	17,318	0	3,682	259	383
Alabama	10,958	619	0	1,418	2,140	0	83	4,782	0	1,754	122	40
Kentucky	3,676	138	0	0	1,603	0	0	1,697	0	205	0	33
Mississippi	3,730	609	66	60	649	160	50	1,271	0	777	0	88
Tennessee	14,126	476	0	944	1,833	0	0	9,568	0	946	137	222
West South Central, total	42,871	1,140	292	1,911	10,021	0	1,191	22,914	0	3,158	1,843	401
Arkansas	3,769	386	0	0	1,907	0	0	1,032	0	236	46	162
Louisiana	4,904	357	182	0	969	0	0	2,681	0	641	0	74
Oklahoma	3,221	87	5	0	1,382	0	300	1,189	0	192	66	0
Texas	30,977	310	105	1,911	5,763	0	891	18,012	0	2,089	1,731	165

See explanatory information, if any, and SOURCE at end of table.

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other[1]
Mountain, total	36,720	222	499	1,170	12,378	25	511	14,285	0	5,694	1,614	322
Arizona	7,788	60	5	0	2,519	25	129	3,151	0	1,077	700	122
Colorado	12,942	162	489	66	3,610	0	314	6,569	0	1,123	514	95
Idaho	892	0	0	0	601	0	0	51	0	240	0	0
Montana	1,135	0	0	0	504	0	0	370	0	215	46	0
Nevada	1,238	0	0	0	261	0	68	693	0	170	46	0
New Mexico	7,636	0	0	1,104	2,733	0	0	1,385	0	2,277	137	0
Utah	4,835	0	5	0	2,150	0	0	2,025	0	422	128	105
Wyoming	254	0	0	0	0	0	0	41	0	170	43	0
Pacific, total	126,141	948	815	4,534	16,993	1,375	240	79,462	0	6,069	15,073	632
Alaska	437	0	77	0	120	0	0	70	0	170	0	0
California	91,384	472	288	4,512	9,698	178	141	57,487	0	4,717	13,660	231
Hawaii	2,383	0	129	2	700	0	0	972	0	440	65	75
Oregon	11,509	152	151	0	4,429	26	55	6,264	0	258	174	0
Washington	20,428	324	170	20	2,046	1,171	44	14,669	0	484	1,174	326
Outlying Areas, total	2,755	0	44	0	374	0	0	1,809	0	450	23	55
Puerto Rico	2,603	0	44	0	374	0	0	1,657	0	450	23	55
Virgin Islands	152	0	0	0	0	0	0	152	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
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NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	13,739,271	11,768,416	214,385	49,398	633,625	139,005	934,442
1 Johns Hopkins University	764,025	612,681	1,570	0	18,016	744	131,014
2 University of Washington	309,554	275,905	1,790	175	17,550	4,754	9,380
3 MA Inst of Technology	290,265	267,404	4,649	0	11,880	1,829	4,503
4 Stanford University	282,549	262,438	2,259	0	15,832	28	1,992
5 University of Michigan	263,243	240,390	1,111	115	13,859	944	6,824
6 U WI Madison	238,353	207,625	3,786	52	9,197	98	17,595
7 U CA Los Angeles	236,522	221,820	807	226	10,905	486	2,278
8 U CA San Diego	233,129	218,272	3,062	0	9,574	285	1,936
9 Cornell University	221,538	194,482	2,601	190	8,069	770	15,426
10 U CA San Francisco	217,505	204,404	426	0	12,471	70	134
Total 1st 10 institutions	3,056,683	2,705,421	22,061	758	127,353	10,008	191,082
11 Harvard University	210,011	190,125	698	0	18,902	63	223
12 University of PA	209,073	190,296	1,762	163	12,632	642	3,578
13 Pennsylvania State U	207,423	184,376	1,344	122	4,399	1,013	16,169
14 University of Minnesota	204,971	179,848	2,031	192	8,060	585	14,255
15 Yale University	200,781	182,754	3,900	0	11,639	653	1,835
16 Columbia U City New York	197,615	187,308	1,551	0	8,068	184	504
17 University of Colorado	190,377	166,455	2,898	61	9,480	9,981	1,502
18 U CA Berkeley	180,754	148,838	3,269	100	10,849	369	17,329
19 U Southern California	166,206	149,909	1,670	0	2,418	681	11,528
20 Duke University	165,501	154,649	971	0	7,386	385	2,110
Total 1st 20 institutions	4,989,395	4,439,979	42,155	1,396	221,186	24,564	260,115
21 Washington University	165,336	149,860	500	0	9,771	137	5,068
22 U NC Chapel Hill	165,083	146,606	764	100	11,521	593	5,499
23 University of Pittsburgh	159,158	152,901	277	0	4,196	268	1,516
24 University of Arizona	157,855	144,036	2,786	105	5,889	109	4,930
25 U IL at Urbana-Champaign	146,581	119,674	1,397	0	5,825	385	19,300
26 University of Rochester	125,863	108,638	9,925	0	5,755	20	1,525
27 U TX Austin	124,128	103,155	869	0	3,987	275	15,842
28 University of Chicago	114,674	102,363	1,254	0	9,673	45	1,339
29 Ohio State University	113,463	92,320	564	50	4,194	2,298	14,037
30 U Alabama Birmingham	112,346	104,409	0	75	3,385	1,415	3,062
Total 1st 30 institutions	6,373,882	5,663,941	60,491	1,726	285,382	30,109	332,233
31 California Inst of Tech	109,057	83,772	685	0	5,119	200	19,281
32 Case Western Reserve U	108,212	99,483	0	0	5,635	322	2,772
33 Northwestern University	106,116	99,896	1,281	1,285	3,368	38	248
34 Baylor Col of Medicine	104,211	98,514	0	0	4,593	132	972
35 U CA Davis	104,100	98,856	206	0	4,124	183	731
36 University of Iowa	100,501	94,500	355	14	5,355	82	195
37 University of Utah	98,827	84,896	10,969	51	2,720	31	160
38 Vanderbilt University	98,139	87,238	182	0	8,865	89	1,765
39 New York University	98,081	92,762	210	10	4,942	26	131
40 U MD College Park	97,518	80,617	2,454	36	1,297	526	12,588
Total 1st 40 institutions	7,398,644	6,584,475	76,833	3,122	331,400	31,738	371,076
41 Purdue University	97,422	77,870	543	181	2,640	539	15,649
42 University of Florida	93,659	73,037	5,495	20	5,633	255	9,219
43 Indiana University	90,785	82,941	2,796	57	4,313	160	518
44 Georgia Institute of Tech	89,839	51,372	1,065	0	1,987	42	35,373
45 Texas A&M University	89,252	59,688	1,194	0	2,643	934	24,793
46 University of Miami	88,931	83,694	0	0	2,788	2,449	0
47 Michigan State University	85,993	67,422	1,242	0	2,860	257	14,212
48 Boston University	84,504	77,844	2,303	0	4,159	198	0
49 University of Virginia	84,471	76,395	1,475	0	4,581	184	1,836
50 Rutgers the St U of NJ	80,780	64,394	3,624	64	2,088	719	9,891
Total 1st 50 institutions	8,284,280	7,299,132	96,570	3,444	365,092	37,475	482,567

See explanatory information, if any, and SOURCE at end of table.

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 Louisiana State U All Cmp	80,457	67,690	450	13	2,680	1,686	7,938
52 Emory University	78,294	75,391	104	24	2,620	125	30
53 U TX SW Med Ctr Dallas	77,368	72,361	802	0	3,060	21	1,124
54 Yeshiva University NY	76,114	71,337	0	0	4,532	245	0
55 University of New Mexico	74,407	58,306	2,113	6,800	4,015	964	2,209
56 NC State U Raleigh	72,875	49,998	2,171	0	3,360	1,365	15,981
57 Iowa State University	71,813	45,780	941	61	2,595	430	22,006
58 Carnegie Mellon U	70,030	66,468	680	157	1,732	106	887
59 U CA Irvine	69,520	66,146	1,176	86	2,009	98	5
60 Woods Hole Oceangraphic	68,281	66,791	100	0	123	510	757
Total 1st 60 institutions	9,023,439	7,939,400	105,107	10,585	391,818	43,025	533,504
61 Oregon State University	67,854	53,854	4,903	54	1,416	1,745	5,882
62 Princeton University	67,326	62,041	1,173	50	3,383	10	669
63 Colorado State University	66,980	56,550	581	45	1,606	3,351	4,847
64 University of Georgia	66,858	48,882	2,568	0	2,210	13	13,185
65 SUNY at Stony Brook	66,489	61,832	625	75	1,545	230	2,182
66 University of Kentucky	65,372	48,581	134	341	2,592	116	13,608
67 U CA Santa Barbara	64,875	60,008	713	141	633	150	3,230
68 U MD Baltimore	64,373	61,050	0	0	1,674	226	1,423
69 U IL Chicago	64,197	60,139	574	0	2,196	117	1,171
70 Georgetown University	62,519	61,119	0	0	1,157	230	13
Total 1st 70 institutions	9,680,282	8,513,456	116,378	11,291	410,230	49,213	579,714
71 U Hawaii Manoa	58,741	50,628	0	0	2,104	1,067	4,942
72 Wake Forest University	56,784	51,789	3,219	0	1,620	24	132
73 CUNY Mt Sinai Schl of Med	55,583	53,533	0	0	1,564	293	193
74 University of Cincinnati	55,436	52,371	0	7	2,760	90	208
75 U Med & Dent of NJ	54,295	52,020	0	0	1,462	627	186
76 Oregon Hlth Sciences U	53,524	48,890	0	0	4,489	47	98
77 U TX Hlth Sci Ctr S Anto	52,408	48,910	0	0	3,438	60	0
78 University of Connecticut	52,171	44,797	0	70	2,974	885	3,445
79 VA Polytech Inst & St U	51,296	38,360	1,425	0	927	161	10,423
80 U TX MD Anderson Cancer	49,500	48,434	0	0	1,053	13	0
Total 1st 80 institutions	10,220,020	9,003,188	121,022	11,368	432,621	52,480	599,341
81 Wayne State University	49,279	45,430	157	18	1,966	1,708	0
82 New Mexico State U	48,338	37,287	1,052	0	2,181	815	7,003
83 Tufts University	47,407	45,144	0	0	1,677	55	531
84 Thomas Jefferson U	47,199	45,066	0	0	2,120	13	0
85 U Missouri Columbia	47,100	29,320	4,214	39	1,430	127	11,970
86 Medical College WI	46,591	43,635	0	0	2,780	26	150
87 U TX Hlth Sci Ctr Houstn	46,422	44,846	200	0	1,103	68	205
88 Utah State University	45,689	38,385	1,144	0	2,065	27	4,068
89 Virginia Commonwealth U	45,647	41,572	0	0	3,943	132	0
90 SUNY at Buffalo	45,479	37,932	647	0	2,456	65	4,379
Total 1st 90 institutions	10,689,171	9,411,805	128,436	11,425	454,342	55,516	627,647
91 Washington State U	43,843	30,619	4,655	62	2,330	51	6,126
92 Rockefeller University	43,716	42,406	0	0	1,284	26	0
93 U MA Amherst	41,682	33,628	1,363	48	2,237	13	4,393
94 Dartmouth College	41,498	40,051	0	0	1,190	36	221
95 Tulane University	41,344	40,907	0	7	418	0	12
96 U Tennessee Knoxville	40,784	24,597	2,163	0	495	258	13,271
97 University of Vermont	40,007	34,889	128	0	1,630	184	2,976
98 Brown University	39,692	36,998	249	0	1,924	62	459
99 U MA Worcester	38,872	37,460	0	0	1,237	175	0
100 Florida State University	38,790	37,801	125	0	854	0	10
Total 1st 100 institutions	11,099,399	9,771,161	137,119	11,542	468,141	56,321	655,115

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	13,739,271	939,076	162,989	1,888,990	155,571	616,112	144,642	6,890,100	740,128	2,042,119	159,544
1 Johns Hopkins University	764,025	262	454	465,980	902	6,339	469	266,107	11,529	11,940	43
2 University of Washington	309,554	5,244	8,534	29,329	2,125	14,317	236	195,697	9,076	42,139	2,857
3 MA Inst of Technology	290,265	158	2,538	61,074	25	67,007	1,309	65,720	39,277	48,227	4,930
4 Stanford University	282,549	0	176	38,029	0	6,744	3,058	138,833	56,368	38,362	979
5 University of Michigan	263,243	611	1,541	23,136	537	7,146	7,665	168,679	10,751	40,401	2,776
6 U WI Madison	238,353	22,567	502	19,842	127	18,265	1,756	117,596	12,756	44,548	394
7 U CA Los Angeles	236,522	232	112	23,083	0	19,983	1,146	163,167	8,497	19,855	447
8 U CA San Diego	233,129	314	54	26,776	0	10,389	461	130,825	13,730	46,180	4,400
9 Cornell University	221,538	27,070	491	14,323	323	4,984	117	94,172	5,701	73,668	689
10 U CA San Francisco	217,505	225	0	2,732	690	3,214	0	205,941	1,388	3,315	0
Total 1st 10 institutions	3,056,683	56,683	14,402	704,304	4,729	158,388	16,217	1,546,737	169,073	368,635	17,515
11 Harvard University	210,011	120	208	8,547	0	5,087	3,140	161,072	6,482	25,182	173
12 University of PA	209,073	505	313	15,493	0	6,809	200	162,569	330	22,322	532
13 Pennsylvania State U	207,423	23,134	203	88,007	1,105	4,248	1,375	46,707	12,451	23,287	6,906
14 University of Minnesota	204,971	20,743	1,247	8,341	2,348	6,046	2,600	128,709	2,431	30,557	1,949
15 Yale University	200,781	726	50	7,423	0	10,942	311	167,112	876	13,341	0
16 Columbia U City New York	197,615	260	0	11,156	127	7,815	199	139,496	6,079	31,906	577
17 University of Colorado	190,377	537	17,661	10,475	2,284	5,924	895	101,572	17,270	32,812	947
18 U CA Berkeley	180,754	23,682	100	10,682	254	4,845	319	66,879	24,811	47,284	1,898
19 U Southern California	166,206	0	640	40,181	501	2,150	242	98,553	4,011	18,231	1,697
20 Duke University	165,501	594	181	7,920	0	5,343	1,747	133,443	540	15,345	388
Total 1st 20 institutions	4,989,395	126,984	35,005	912,529	11,348	217,597	27,245	2,752,849	244,354	628,902	32,582
21 Washington University	165,336	808	21	4,494	115	2,763	112	144,703	3,392	8,788	140
22 U NC Chapel Hill	165,083	100	56	7,672	1,595	1,862	6,091	133,350	788	11,119	2,450
23 University of Pittsburgh	159,158	0	0	6,583	1,705	2,402	376	135,386	2,589	10,058	59
24 University of Arizona	157,855	9,931	440	14,414	2,320	3,566	1,726	57,229	48,227	17,823	2,179
25 U IL at Urbana-Champaign	146,581	21,819	0	13,795	1,944	11,162	160	25,220	3,614	68,340	527
26 University of Rochester	125,863	282	0	7,225	0	30,074	0	76,671	1,336	10,175	100
27 U TX Austin	124,128	467	187	54,555	1,100	12,231	337	19,882	9,483	25,638	248
28 University of Chicago	114,674	265	348	3,207	187	3,967	0	77,049	4,636	25,015	0
29 Ohio State University	113,463	21,552	150	9,219	2,014	4,900	807	47,267	4,763	16,981	5,810
30 U Alabama Birmingham	112,346	83	0	2,988	1,318	1,963	454	96,154	4,895	4,491	0
Total 1st 30 institutions	6,373,882	182,291	36,207	1,036,681	23,646	292,487	37,308	3,565,760	328,077	827,330	44,095
31 California Inst of Tech	109,057	0	0	16,966	0	8,983	130	22,930	28,567	30,246	1,235
32 Case Western Reserve U	108,212	250	0	5,473	119	365	25	89,299	5,875	6,517	289
33 Northwestern University	106,116	1,150	50	10,226	1,598	4,120	100	60,801	2,015	21,750	4,306
34 Baylor Col of Medicine	104,211	8,985	232	1,094	0	1,130	175	90,297	852	1,446	0
35 U CA Davis	104,100	8,537	0	4,555	648	14,399	2,126	53,937	2,131	16,863	904
36 University of Iowa	100,501	419	172	2,618	943	805	0	82,192	4,569	7,623	1,160
37 University of Utah	98,827	196	249	6,651	473	3,598	2,000	60,234	10,255	13,671	1,500
38 Vanderbilt University	98,139	275	0	7,517	1,224	742	0	81,625	2,531	4,090	135
39 New York University	98,081	0	153	5,783	883	3,540	700	78,337	287	8,398	0
40 U MD College Park	97,518	12,013	4,083	19,128	0	7,908	1,833	7,209	19,449	24,674	1,221
Total 1st 40 institutions	7,398,644	214,116	41,146	1,116,692	29,534	338,077	44,397	4,192,621	404,608	962,608	54,845

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Purdue University	97,422	22,864	1,178	10,167	708	8,885	477	21,936	3,051	24,322	3,834
42 University of Florida	93,659	18,865	411	8,598	1,002	1,879	369	44,506	4,408	12,772	849
43 Indiana University	90,785	145	0	1,697	1,466	3,346	338	63,019	1,216	19,366	192
44 Georgia Institute of Tech	89,839	0	7,022	56,867	12	994	3,756	2,395	5,208	12,410	1,175
45 Texas A&M University	89,252	32,633	2,137	9,706	0	4,339	1,265	17,855	4,603	15,152	1,562
46 University of Miami	88,931	130	2,839	7,923	594	1,096	493	62,187	3,645	10,024	0
47 Michigan State University	85,993	26,265	0	3,912	288	3,924	635	23,959	422	26,279	309
48 Boston University	84,504	173	0	6,606	1,176	3,114	50	60,023	1,753	11,609	0
49 University of Virginia	84,471	85	50	6,091	1,169	3,195	324	55,392	4,246	12,567	1,352
50 Rutgers the St U of NJ	80,780	12,469	2,531	9,144	76	3,917	1,578	25,432	1,631	19,754	4,248
Total 1st 50 institutions	8,284,280	327,745	57,314	1,237,403	36,025	372,766	53,682	4,569,325	434,791	1,126,863	68,366
51 Louisiana State U All Cmp	80,457	13,655	2,834	17,260	607	2,003	4,522	28,584	2,136	6,453	2,403
52 Emory University	78,294	0	0	627	125	398	0	74,462	63	2,619	0
53 U TX SW Med Ctr Dallas	77,368	0	0	184	391	0	0	74,006	1,771	1,016	0
54 Yeshiva University NY	76,114	0	0	1,237	0	0	0	74,327	0	550	0
55 University of New Mexico	74,407	131	30	35,145	2,296	4,273	11	23,684	3,288	5,325	224
56 NC State U Raleigh	72,875	28,088	2,650	7,211	298	1,904	4,877	6,802	2,977	16,580	1,488
57 Iowa State University	71,813	26,767	10,240	3,110	253	7,798	2,137	6,001	1,473	8,292	5,742
58 Carnegie Mellon U	70,030	0	264	23,476	0	4,618	269	9,782	4,677	24,453	2,491
59 U CA Irvine	69,520	410	0	6,806	0	4,134	45	43,480	2,280	12,328	37
60 Woods Hole Oceangraphic	68,281	0	2,169	22,019	0	2,063	0	165	1,008	40,306	551
Total 1st 60 institutions	9,023,439	396,796	75,501	1,354,478	39,995	399,957	65,543	4,910,618	454,464	1,244,785	81,302
61 Oregon State University	67,854	20,365	3,374	5,884	161	1,322	3,367	8,086	3,355	18,987	2,953
62 Princeton University	67,326	0	500	12,528	0	7,537	55	18,304	4,596	23,637	169
63 Colorado State University	66,980	12,989	4,192	8,755	317	2,291	656	22,940	2,550	9,575	2,715
64 University of Georgia	66,858	23,784	0	1,265	1,544	12,034	952	15,357	533	11,282	107
65 SUNY at Stony Brook	66,489	417	0	5,057	0	4,267	129	36,209	1,893	18,211	306
66 University of Kentucky	65,372	18,191	67	1,249	1,303	4,518	370	29,899	758	8,690	327
67 U CA Santa Barbara	64,875	64	223	22,444	97	3,619	790	6,027	3,778	26,468	1,365
68 U MD Baltimore	64,373	161	362	633	0	243	386	62,192	0	396	0
69 U IL Chicago	64,197	220	207	3,455	950	678	398	49,912	240	8,137	0
70 Georgetown University	62,519	100	39	16,744	376	0	141	43,436	0	483	1,200
Total 1st 70 institutions	9,680,282	473,087	84,465	1,432,492	44,743	436,466	72,787	5,202,980	472,167	1,370,651	90,444
71 U Hawaii Manoa	58,741	11,306	40	3,548	905	241	0	18,006	8,582	15,016	1,097
72 Wake Forest University	56,784	3,084	221	46	0	0	0	51,901	72	1,460	0
73 CUNY Mt Sinai Schl of Med	55,583	0	0	0	1,009	190	0	53,936	182	266	0
74 University of Cincinnati	55,436	130	0	4,170	495	564	4,858	39,589	2,553	3,077	0
75 U Med & Dent of NJ	54,295	80	0	630	251	0	760	50,751	68	1,255	500
76 Oregon Hlth Sciences U	53,524	0	0	105	91	4,393	344	48,073	50	468	0
77 U TX Hlth Sci Ctr S Anto	52,408	0	0	71	0	0	0	51,507	161	669	0
78 University of Connecticut	52,171	5,713	3,861	3,992	652	753	165	31,090	584	5,063	298
79 VA Polytech Inst & St U	51,296	18,004	164	10,221	226	2,885	543	3,691	4,492	8,489	2,581
80 U TX MD Anderson Cancer	49,500	0	0	1,719	0	0	64	47,553	0	164	0
Total 1st 80 institutions	10,220,020	511,404	88,751	1,456,994	48,372	445,492	79,521	5,599,077	488,911	1,406,578	94,920

See explanatory information, if any, and SOURCE at end of table.

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
81 Wayne State University	49,279	0	67	2,328	509	786	599	39,797	229	4,910	54
82 New Mexico State U	48,338	7,961	0	11,698	318	4,392	207	3,088	18,080	2,057	537
83 Tufts University	47,407	12,624	530	1,741	500	999	369	28,824	25	1,795	0
84 Thomas Jefferson U	47,199	160	0	1,017	717	242	260	44,469	0	334	0
85 U Missouri Columbia	47,100	22,891	0	632	775	857	456	15,045	436	5,431	577
86 Medical College WI	46,591	0	0	15,320	105	0	0	30,609	371	186	0
87 U TX Hlth Sci Ctr Houstn	46,422	435	0	295	0	0	204	44,801	346	341	0
88 Utah State University	45,689	9,511	95	21,536	1,798	78	270	5,154	3,386	3,070	791
89 Virginia Commonwealth U	45,647	0	0	381	1,398	293	226	42,172	227	901	49
90 SUNY at Buffalo	45,479	50	0	1,497	16	537	0	29,912	842	10,601	2,024
Total 1st 90 institutions	10,689,171	565,036	89,443	1,513,439	54,508	453,676	82,112	5,882,948	512,853	1,436,204	98,952
91 Washington State U	43,843	22,202	105	2,108	126	2,821	880	8,448	490	5,968	695
92 Rockefeller University	43,716	0	0	150	0	1,310	8	41,266	59	923	0
93 U MA Amherst	41,682	8,078	0	6,796	459	1,982	519	7,227	1,752	14,420	449
94 Dartmouth College	41,498	418	413	2,077	127	624	101	31,884	1,160	4,684	10
95 Tulane University	41,344	290	75	1,886	0	10,098	141	25,380	162	1,324	1,988
96 U Tennessee Knoxville	40,784	19,669	101	1,757	0	5,658	669	5,100	1,268	6,357	205
97 University of Vermont	40,007	7,097	0	798	1,399	563	204	26,253	211	3,331	151
98 Brown University	39,692	0	35	6,526	0	2,532	0	16,610	2,322	11,533	134
99 U MA Worcester	38,872	0	0	678	0	0	0	37,313	0	881	0
100 Florida State University	38,790	0	926	1,467	760	9,494	139	4,214	1,884	19,906	0
Total 1st 100 institutions	11,099,399	622,790	91,098	1,537,682	57,379	488,758	84,773	6,086,643	522,161	1,505,531	102,584

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-13. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	11,768,416	470,063	84,156	1,600,586	33,887	580,985	134,603	6,402,384	634,500	1,679,229	148,023
1 Johns Hopkins University	612,681	262	423	335,567	0	6,339	469	247,493	11,162	10,923	43
2 University of Washington	275,905	5,244	4,144	26,640	500	14,118	192	179,643	8,621	34,364	2,439
3 MA Inst of Technology	267,404	158	1,487	56,831	0	62,400	1,309	59,158	37,701	43,711	4,649
4 Stanford University	262,438	0	176	37,419	0	6,712	3,058	127,303	55,557	31,234	979
5 University of Michigan	240,390	611	1,003	22,735	537	6,807	7,626	157,742	9,893	31,178	2,258
6 U CA Los Angeles	221,820	232	112	20,914	0	19,963	1,146	152,896	8,365	17,745	447
7 U CA San Diego	218,272	314	24	26,620	0	10,189	461	122,508	13,087	40,669	4,400
8 U WI Madison	207,625	11,709	327	19,840	127	17,228	1,756	110,070	12,492	33,682	394
9 U CA San Francisco	204,404	225	0	2,732	597	3,214	0	193,971	1,388	2,277	0
10 Cornell University	194,482	13,213	36	14,321	0	4,981	117	87,913	5,139	68,073	689
Total 1st 10 institutions	2,705,421	31,968	7,732	563,619	1,761	151,951	16,134	1,438,697	163,405	313,856	16,298
11 University of PA	190,296	356	173	15,483	0	6,447	200	150,244	318	16,553	522
12 Harvard University	190,125	120	208	8,269	0	4,977	3,140	145,896	6,289	21,053	173
13 Columbia U City New York	187,308	260	0	10,842	127	7,615	199	131,646	6,001	30,041	577
14 Pennsylvania State U	184,376	9,890	203	86,014	0	4,197	1,375	44,421	11,653	19,982	6,641
15 Yale University	182,754	726	50	7,423	0	8,658	311	154,706	820	10,060	0
16 University of Minnesota	179,848	8,908	825	8,337	1,397	6,007	2,453	122,549	1,953	25,620	1,799
17 University of Colorado	166,455	537	7,291	10,400	266	5,594	895	95,475	16,203	28,867	927
18 Duke University	154,649	594	181	7,917	0	5,072	1,747	126,033	448	12,269	388
19 University of Pittsburgh	152,901	0	0	6,533	875	2,302	376	131,580	1,472	9,704	59
20 U Southern California	149,909	0	320	31,046	0	2,150	242	94,222	2,637	17,595	1,697
Total 1st 20 institutions	4,444,042	53,359	16,983	755,883	4,426	204,970	27,072	2,635,469	211,199	505,600	29,081
21 Washington University	149,860	808	21	3,174	0	2,763	112	134,682	3,178	4,982	140
22 U CA Berkeley	148,838	9,500	100	10,419	0	4,845	319	61,505	24,393	35,980	1,777
23 U NC Chapel Hill	146,606	100	56	5,887	125	1,862	4,565	123,838	766	7,427	1,980
24 University of Arizona	144,036	5,472	407	14,038	475	3,541	1,637	53,106	47,323	15,980	2,057
25 U IL at Urbana-Champaign	119,674	9,493	0	12,858	125	11,143	160	23,323	2,971	59,074	527
26 University of Rochester	108,638	282	0	5,805	0	20,399	0	71,013	1,316	9,723	100
27 U Alabama Birmingham	104,409	83	0	2,871	1,300	713	454	92,738	4,807	1,443	0
28 U TX Austin	103,155	467	169	42,708	0	12,131	337	18,666	7,036	21,468	173
29 University of Chicago	102,363	157	348	3,207	0	3,967	0	68,970	4,416	21,298	0
30 Northwestern University	99,896	340	50	10,226	1,397	4,120	100	58,201	1,868	20,573	3,021
Total 1st 30 institutions	5,671,517	80,061	18,134	867,076	7,848	270,454	34,756	3,341,511	309,273	703,548	38,856
31 Case Western Reserve U	99,483	250	0	5,002	0	365	25	83,964	5,626	3,962	289
32 U CA Davis	98,856	7,743	0	2,986	648	14,339	2,126	52,006	2,102	16,002	904
33 Baylor Col of Medicine	98,514	8,985	232	590	0	1,130	175	85,441	852	1,109	0
34 University of Iowa	94,500	419	172	2,450	258	785	0	77,494	4,515	7,247	1,160
35 New York University	92,762	0	140	5,778	150	3,540	700	74,252	287	7,915	0
36 Ohio State University	92,320	8,407	150	5,629	870	4,810	807	45,930	4,620	15,287	5,810
37 Vanderbilt University	87,238	275	0	6,564	0	742	0	75,067	1,970	2,620	0
38 University of Utah	84,896	196	213	6,604	0	3,598	2,000	58,096	1,205	11,551	1,433
39 California Inst of Tech	83,772	0	0	16,960	0	8,959	130	19,763	27,839	8,886	1,235
40 University of Miami	83,694	130	823	7,923	0	1,096	493	59,680	3,633	9,916	0
Total 1st 40 institutions	6,587,552	106,466	19,864	927,562	9,774	309,818	41,212	3,973,204	361,922	788,043	49,687

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Indiana University	82,941	145	0	1,695	122	3,296	338	59,479	1,118	16,556	192
42 U MD College Park	80,617	5,417	3,376	19,045	0	7,572	1,833	6,827	18,414	16,975	1,158
43 Purdue University	77,870	11,327	663	7,894	84	8,860	466	21,060	2,724	20,958	3,834
44 Boston University	77,844	173	0	6,606	560	2,974	50	56,369	1,709	9,403	0
45 University of Virginia	76,395	85	50	6,081	770	3,133	324	51,496	3,667	9,437	1,352
46 Emory University	75,391	0	0	623	125	398	0	71,792	63	2,390	0
47 University of Florida	73,037	10,689	312	8,524	0	1,655	164	39,955	2,696	7,993	849
48 U TX SW Med Ctr Dallas	72,361	0	0	184	0	0	0	69,762	1,771	644	0
49 Yeshiva University NY	71,337	0	0	1,237	0	0	0	69,573	0	527	0
50 Louisiana State U All Cmp	67,690	5,878	1,219	17,260	0	1,838	4,522	26,435	1,734	6,428	2,376
Total 1st 50 institutions	7,343,035	140,180	25,484	996,711	11,435	339,744	48,909	4,445,952	395,818	879,354	59,448
51 Michigan State University	67,422	14,301	0	2,598	0	3,663	635	22,969	378	22,675	203
52 Woods Hole Oceangraphic	66,791	0	1,494	21,362	0	2,063	0	107	1,008	40,206	551
53 Carnegie Mellon U	66,468	0	264	23,082	0	4,488	269	9,527	4,435	22,080	2,323
54 U CA Irvine	66,146	410	0	6,801	0	3,864	45	40,947	2,246	11,796	37
55 Rutgers the St U of NJ	64,394	6,051	2,531	6,851	0	3,917	1,069	23,489	1,565	14,673	4,248
56 Princeton University	62,041	0	500	12,519	0	7,487	55	16,281	4,508	20,522	169
57 SUNY at Stony Brook	61,832	417	0	5,053	0	4,252	129	34,683	1,893	15,099	306
58 Georgetown University	61,119	100	39	16,734	0	0	141	42,464	0	441	1,200
59 U MD Baltimore	61,050	161	295	453	0	243	211	59,291	0	396	0
60 U IL Chicago	60,139	220	207	3,455	670	678	334	46,595	240	7,740	0
Total 1st 60 institutions	7,980,437	161,840	30,814	1,095,619	12,105	370,399	51,797	4,742,305	412,091	1,034,982	68,485
61 U CA Santa Barbara	60,008	64	223	19,655	0	3,560	790	6,027	3,734	24,590	1,365
62 Texas A&M University	59,688	13,134	1,160	8,407	0	4,132	1,265	17,297	3,145	9,782	1,366
63 University of New Mexico	58,306	51	30	27,201	0	4,273	11	19,652	2,346	4,518	224
64 Colorado State University	56,550	7,903	982	8,735	0	2,245	342	22,118	2,483	9,102	2,640
65 Oregon State University	53,854	12,497	1,559	5,872	0	1,296	3,340	7,532	3,119	15,686	2,953
66 CUNY Mt Sinai Schl of Med	53,533	0	0	0	1,009	190	0	52,039	182	113	0
67 University of Cincinnati	52,371	130	0	4,004	151	564	4,557	37,581	2,337	3,047	0
68 U Med & Dent of NJ	52,020	80	0	430	150	0	760	48,800	68	1,232	500
69 Wake Forest University	51,789	102	221	46	0	0	0	50,248	72	1,100	0
70 Georgia Institute of Tech	51,372	0	150	29,641	0	994	3,756	2,252	4,344	9,108	1,127
Total 1st 70 institutions	8,529,928	195,801	35,139	1,199,610	13,415	387,653	66,618	5,005,851	433,921	1,113,260	78,660
71 U Hawaii Manoa	50,628	9,463	40	3,539	0	241	0	16,151	6,777	13,320	1,097
72 NC State U Raleigh	49,998	12,409	1,247	7,179	179	1,865	3,454	6,115	2,620	13,745	1,185
73 U TX Hlth Sci Ctr S Anto	48,910	0	0	71	0	0	0	48,009	161	669	0
74 Oregon Hlth Sciences U	48,890	0	0	105	0	4,393	344	43,530	50	468	0
75 University of Georgia	48,882	10,318	0	1,238	125	11,409	952	14,616	104	10,013	107
76 University of Kentucky	48,581	6,928	67	1,239	0	4,518	370	28,763	553	5,816	327
77 U TX MD Anderson Cancer	48,434	0	0	1,719	0	0	64	46,487	0	164	0
78 Iowa State University	45,780	14,845	1,940	1,632	0	7,123	2,137	5,655	936	5,811	5,701
79 Wayne State University	45,430	0	67	2,326	0	786	100	37,198	207	4,692	54
80 Tufts University	45,144	12,515	0	1,739	500	999	369	27,202	25	1,795	0
Total 1st 80 institutions	9,010,605	262,279	38,500	1,220,397	14,219	418,987	74,408	5,279,577	445,354	1,169,753	87,131

See explanatory information, if any, and SOURCE at end of table.

Table B-13. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
81 Thomas Jefferson U	45,066	160	0	1,017	363	242	260	42,690	0	334	0
82 U TX Hlth Sci Ctr Houstn	44,846	435	0	295	0	0	204	43,453	141	318	0
83 University of Connecticut	44,797	2,336	3,191	2,693	0	753	165	30,245	562	4,625	227
84 Medical College WI	43,635	0	0	15,320	0	0	0	27,758	371	186	0
85 Rockefeller University	42,406	0	0	150	0	1,310	8	39,980	59	899	0
86 Virginia Commonwealth U	41,572	0	0	381	874	293	226	38,682	215	852	49
87 Tulane University	40,907	290	75	1,886	0	10,098	141	24,984	140	1,305	1,988
88 Dartmouth College	40,051	418	413	2,077	127	624	101	30,764	1,116	4,401	10
89 Utah State University	38,385	5,115	95	21,112	121	78	270	5,127	3,036	2,678	753
90 VA Polytech Inst & St U	38,360	6,718	164	9,487	0	2,885	543	3,658	4,185	8,173	2,547
Total 1st 90 institutions	9,430,630	277,751	42,438	1,274,815	15,704	435,270	76,326	5,566,918	455,179	1,193,524	92,705
91 SUNY at Buffalo	37,932	50	0	1,497	0	537	0	27,576	748	5,524	2,000
92 Florida State University	37,801	0	926	1,467	0	9,494	139	4,164	1,840	19,771	0
93 U MA Worcester	37,460	0	0	678	0	0	0	35,901	0	881	0
94 New Mexico State U	37,287	3,616	0	7,009	0	4,267	207	2,054	17,562	2,035	537
95 Brown University	36,998	0	35	6,511	0	2,334	0	15,298	1,903	10,783	134
96 University of Vermont	34,889	4,089	0	798	700	544	204	25,198	41	3,164	151
97 University of Kansas	34,886	160	0	972	1,303	1,200	311	24,825	1,042	4,475	598
98 U MA Amherst	33,628	3,827	0	5,510	0	1,982	519	6,687	1,708	12,946	449
99 U Alaska Fairbanks	31,747	1,678	2,569	90	0	377	128	434	12,345	11,325	2,801
100 U TX Med Brnch Galveston	31,445	130	0	303	0	491	657	29,106	393	365	0
Total 1st 100 institutions	9,784,703	291,301	45,968	1,299,650	17,707	456,496	78,491	5,738,161	492,761	1,264,793	99,375

1 The Department of Defense (DoD) states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

2 Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-35.

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	633,625	10,234	4,747	25,921	98,959	1,923	9,154	387,706	43,939	46,082	4,960
1 Harvard University	18,902	0	0	228	0	0	0	14,976	193	3,505	0
2 Johns Hopkins University	18,016	0	31	0	902	0	0	16,270	367	446	0
3 University of Washington	17,550	0	170	20	1,625	0	44	13,954	455	1,118	164
4 Stanford University	15,832	0	0	153	0	0	0	10,519	811	4,349	0
5 University of Michigan	13,859	0	0	401	0	87	39	10,559	858	1,754	161
6 University of PA	12,632	0	0	0	0	0	0	12,139	12	481	0
7 U CA San Francisco	12,471	0	0	0	93	0	0	11,942	0	436	0
8 MA Inst of Technology	11,880	0	118	844	25	0	0	5,932	540	4,268	153
9 Yale University	11,639	0	0	0	0	0	0	10,865	56	718	0
10 U NC Chapel Hill	11,521	0	0	1	1,470	0	1,151	8,277	22	370	230
Total 1st 10 institutions	144,302	0	319	1,647	4,115	87	1,234	115,433	3,314	17,445	708
11 U CA Los Angeles	10,905	0	0	1,299	0	0	0	8,849	132	625	0
12 U CA Berkeley	10,849	108	0	263	0	0	0	5,334	418	4,605	121
13 Washington University	9,771	0	0	0	115	0	0	9,253	214	189	0
14 University of Chicago	9,673	108	0	0	0	0	0	7,882	220	1,463	0
15 U CA San Diego	9,574	0	30	112	0	0	0	8,032	643	757	0
16 University of Colorado	9,480	0	465	66	1,831	0	0	5,539	1,057	502	20
17 U WI Madison	9,197	324	0	2	0	0	0	7,301	264	1,306	0
18 Vanderbilt University	8,865	0	0	944	1,224	0	0	5,907	561	94	135
19 Cornell University	8,069	0	0	2	323	0	0	5,627	562	1,555	0
20 Columbia U City New York	8,068	0	0	120	0	0	0	7,576	78	294	0
Total 1st 20 institutions	238,753	540	814	4,455	7,608	87	1,234	186,733	7,463	28,835	984
21 University of Minnesota	8,060	396	49	4	951	0	147	5,562	315	486	150
22 Duke University	7,386	0	0	3	0	0	0	6,639	92	652	0
23 University of Arizona	5,889	60	5	0	1,845	25	89	2,331	904	508	122
24 U IL at Urbana-Champaign	5,825	108	0	408	1,614	0	0	1,829	643	1,223	0
25 University of Rochester	5,755	0	0	120	0	0	0	5,488	20	127	0
26 Case Western Reserve U	5,635	0	0	0	119	0	0	5,110	198	208	0
27 University of Florida	5,633	130	9	46	1,002	0	205	3,729	512	0	0
28 University of Iowa	5,355	0	0	0	685	0	0	4,616	54	0	0
29 California Inst of Tech	5,119	0	0	2	0	0	0	2,967	728	1,422	0
30 New York University	4,942	0	13	0	733	0	0	4,059	0	137	0
Total 1st 30 institutions	298,352	1,234	890	5,038	14,557	112	1,675	229,063	10,929	33,598	1,256
31 Baylor Col of Medicine	4,593	0	0	504	0	0	0	3,974	0	115	0
32 University of Virginia	4,581	0	0	0	399	37	0	3,468	480	197	0
33 Yeshiva University NY	4,532	0	0	0	0	0	0	4,509	0	23	0
34 Oregon Hlth Sciences U	4,489	0	0	0	91	0	0	4,398	0	0	0
35 Pennsylvania State U	4,399	228	0	2	900	0	0	2,036	798	205	230
36 Indiana University	4,313	0	0	2	1,344	0	0	2,667	44	256	0
37 University of Pittsburgh	4,196	0	0	0	830	0	0	3,281	22	63	0
38 Ohio State University	4,194	66	0	1,301	1,144	0	0	1,068	143	472	0
39 Boston University	4,159	0	0	0	616	0	0	3,456	44	43	0
40 U CA Davis	4,124	364	0	1,395	0	0	0	1,868	24	473	0
Total 1st 40 institutions	341,932	1,892	890	8,242	19,881	149	1,675	259,788	12,484	35,445	1,486
41 University of Oregon	4,063	0	0	0	2,763	0	24	1,212	22	42	0
42 University of New Mexico	4,015	0	0	0	2,296	0	0	1,166	438	115	0
43 U TX Austin	3,987	0	0	104	1,100	0	0	1,167	672	944	0
44 Virginia Commonwealth U	3,943	0	0	0	524	0	0	3,407	12	0	0
45 U TX Hlth Sci Ctr S Anto	3,438	0	0	0	0	0	0	3,438	0	0	0
46 U Alabama Birmingham	3,385	0	0	117	18	0	0	3,162	88	0	0
47 Princeton University	3,383	0	0	4	0	0	0	2,023	88	1,268	0
48 Northwestern University	3,368	0	0	0	201	0	0	2,460	132	575	0
49 NC State U Raleigh	3,360	119	126	0	119	0	1,423	638	357	275	303
50 WV University (Morgantwn)	3,120	0	0	0	557	0	2,000	133	275	0	155
Total 1st 50 institutions	377,994	2,011	1,016	8,467	27,459	149	5,122	278,594	14,568	38,664	1,944

See explanatory information, if any, and SOURCE at end of table.

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
51 U TX SW Med Ctr Dallas	3,060	0	0	0	391	0	0	2,601	0	68	0
52 University of Connecticut	2,974	0	59	1,299	652	0	0	783	22	88	71
53 Michigan State University	2,860	216	0	1,299	288	0	0	907	44	0	106
54 University of Miami	2,788	0	0	0	594	0	0	2,074	12	108	0
55 Hampton University	2,782	0	0	0	1,449	0	0	566	716	0	51
56 Medical College WI	2,780	0	0	0	105	0	0	2,675	0	0	0
57 University of Cincinnati	2,760	0	0	0	344	0	301	1,918	174	23	0
58 San Jose State University	2,749	0	0	1,228	1,275	0	0	246	0	0	0
59 University of Utah	2,720	0	5	0	473	0	0	2,025	22	128	67
60 Louisiana State U All Cmp	2,680	0	130	0	607	0	0	1,541	402	0	0
Total 1st 60 institutions	406,147	2,227	1,210	12,293	33,637	149	5,423	293,930	15,960	39,079	2,239
61 Texas A&M University	2,643	130	105	1,299	0	0	0	446	373	167	123
62 Purdue University	2,640	392	59	100	624	0	0	855	310	300	0
63 Emory University	2,620	0	0	4	0	0	0	2,515	0	101	0
64 Iowa State University	2,595	130	0	1,298	253	0	0	314	537	22	41
65 University of Kentucky	2,592	0	0	0	1,303	0	0	1,084	205	0	0
66 Morehouse College	2,554	0	0	0	0	0	0	217	2,337	0	0
67 SUNY at Buffalo	2,456	0	0	0	16	0	0	2,276	94	46	24
68 U Southern California	2,418	0	37	0	296	0	0	2,051	34	0	0
69 Washington State U	2,330	324	0	0	121	1,171	0	592	29	56	37
70 San Diego State U	2,296	0	0	0	1,833	0	0	463	0	0	0
Total 1st 70 institutions	431,291	3,203	1,411	14,994	38,083	1,320	5,423	304,743	19,879	39,771	2,464
71 U MA Amherst	2,237	108	0	1,286	229	0	0	527	44	43	0
72 University of Georgia	2,210	63	0	27	1,419	0	0	548	44	109	0
73 U IL Chicago	2,196	0	0	0	280	0	64	1,830	0	22	0
74 New Mexico State U	2,181	0	0	1,104	318	0	0	219	518	22	0
75 Florida A&M University	2,156	225	0	0	0	0	0	197	1,665	0	69
76 Thomas Jefferson U	2,120	0	0	0	354	0	0	1,766	0	0	0
77 U Hawaii Manoa	2,104	0	0	2	700	0	0	897	440	65	0
78 Rutgers the St U of NJ	2,088	0	0	2	76	0	509	1,288	66	147	0
79 Utah State University	2,065	0	0	0	1,677	0	0	0	350	0	38
80 U TX Med Brnch Galveston	2,053	0	0	0	0	0	0	2,053	0	0	0
Total 1st 80 institutions	452,701	3,599	1,411	17,415	43,136	1,320	5,996	314,068	23,006	40,179	2,571
81 Clark Atlanta University	2,030	0	0	1,299	138	0	0	581	12	0	0
82 Meharry Medical College	2,030	0	0	0	0	0	0	2,008	22	0	0
83 U CA Irvine	2,009	0	0	0	0	0	0	1,887	34	88	0
84 Georgia Institute of Tech	1,987	0	113	0	12	0	0	143	839	832	48
85 University of Oklahoma	1,983	0	5	0	760	0	0	983	192	43	0
86 Wayne State University	1,966	0	0	2	509	0	0	1,390	22	43	0
87 University of Kansas	1,945	0	0	0	389	0	0	1,300	233	23	0
88 Brown University	1,924	0	0	0	0	0	0	1,284	419	221	0
89 San Francisco State U	1,872	0	0	0	1,849	0	0	0	0	23	0
90 University of Vermont	1,830	48	0	0	699	0	0	890	170	23	0
Total 1st 90 institutions	472,277	3,647	1,529	18,716	47,492	1,320	5,996	324,534	24,949	41,475	2,619
91 Howard University	1,813	0	2	0	241	0	0	1,316	170	0	84
92 Brandeis University	1,749	0	0	0	0	0	0	1,727	22	0	0
93 Carnegie Mellon U	1,732	0	0	237	0	0	0	255	242	830	168
94 Temple University	1,722	0	0	0	885	0	0	837	0	0	0
95 U Alabama Huntsville	1,687	0	0	0	0	0	0	186	1,490	11	0
96 Tufts University	1,677	108	0	2	0	0	0	1,567	0	0	0
97 U MD Baltimore	1,674	0	0	0	0	0	175	1,499	0	0	0
98 Clemson University	1,669	0	0	1,226	121	0	0	31	185	106	0
99 U South Florida	1,668	0	0	2	980	0	13	520	92	13	48
100 U Rhode Island	1,648	0	128	1,272	160	0	0	88	0	0	0
Total 1st 100 institutions	489,316	3,755	1,659	21,455	49,879	1,320	6,184	332,560	27,150	42,435	2,919

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total	13,739,271	11,768,416	214,385	49,398	633,625	139,005	934,442
Alabama, total	213,348	178,832	2,648	584	10,958	4,041	16,285
Alabama A & M University	9,976	6,970	0	60	781	432	1,733
Alabama Southern Cmty Col	19	0	0	0	0	19	0
Alabama State University	695	56	0	0	258	381	0
Auburn University	32,523	19,193	2,423	90	1,301	27	9,489
Birmingham Southern Col	112	112	0	0	0	0	0
Chauncey Sparks St Tech	265	0	0	265	0	0	0
Faulkner University	169	0	0	0	0	0	169
Huntingdon College	9	0	0	9	0	0	0
Jacksonville State U	1,331	32	0	0	1,299	0	0
Oakwood College	449	164	0	0	0	285	0
Selma University	732	306	0	0	0	426	0
Spring Hill College	25	19	0	0	6	0	0
Stillman College	374	0	0	30	135	209	0
Talladega College	1,013	428	0	0	430	155	0
Trenholm St Tech Col	202	178	0	0	0	24	0
Troy St U Central Off	71	0	0	0	71	0	0
Troy St U Main	146	33	0	0	21	0	92
Tuskegee University	10,742	7,955	0	0	528	524	1,735
U Alabama Birmingham	112,346	104,409	0	75	3,385	1,415	3,062
U Alabama Huntsville	23,614	21,924	0	0	1,687	0	3
U Alabama Sys Off	477	386	0	0	0	91	0
U South Alabama	9,655	9,195	225	55	159	21	0
University of Alabama	8,403	7,472	0	0	897	32	2
Alaska, total	40,289	35,716	120	20	437	908	3,088
U Alaska Anchorage	2,446	2,250	0	0	190	6	0
U Alaska Fairbanks	36,094	31,747	120	20	247	902	3,058
U Alaska Southeast	167	137	0	0	0	0	30
U Alaska System Higher Ed	1,582	1,582	0	0	0	0	0
Arizona, total	197,655	176,891	2,786	485	7,788	785	8,920
Arizona State U Main	31,119	25,334	0	247	1,577	206	3,755
Arizona Western College	5	5	0	0	0	0	0
Gateway Cmty College	39	0	0	39	0	0	0
Maricopa CC Sys Off	2,038	2,038	0	0	0	0	0
Mesa Community College	82	82	0	0	0	0	0
Navajo Community College	461	227	0	0	0	234	0
Northern Arizona U	5,902	5,015	0	94	322	236	235
Prescott College	20	20	0	0	0	0	0
South Mountain Cmty Col	134	134	0	0	0	0	0
University of Arizona	157,855	144,036	2,786	105	5,889	109	4,930
Arkansas, total	57,856	37,544	3,741	146	3,769	890	11,766
Arkansas State University	229	101	0	0	128	0	0
Arkansas Tech University	65	65	0	0	0	0	0
Hendrix College	188	104	0	84	0	0	0
Lyon College	285	58	0	0	0	0	227
Philander Smith College	230	65	0	0	10	155	0
Southern Arkansas U	4	0	0	0	4	0	0
U Arkansas Little Rock	12,488	2,941	0	0	1,266	20	8,261
U Arkansas Main	23,831	17,706	3,741	40	767	234	1,343
U Arkansas Pine Bluff	4,322	1,685	0	0	595	452	1,590
U Arkansas Sys Off	548	548	0	0	0	0	0
U Arkansas for Med Sci	15,411	14,271	0	0	766	29	345
U Central Arkansas	233	0	0	0	233	0	0
University of the Ozarks	22	0	0	22	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
California, total	1,812,229	1,622,395	16,893	2,278	91,384	11,608	67,671
Azusa Pacific University	93	0	0	0	93	0	0
Butte College	50	50	0	0	0	0	0
CA Cmty Col System	3,000	0	0	0	0	0	3,000
CA Inst Integral Studies	370	370	0	0	0	0	0
CA Schl Prof Psych Bk/Alm	10	10	0	0	0	0	0
CA St Poly U Pomona	940	795	0	55	90	0	0
CA St U Bakersfield	23	0	0	0	23	0	0
CA St U Chico	1,192	423	0	0	457	0	312
CA St U Dominguez Hills	1,315	624	0	0	373	318	0
CA St U Fresno	1,131	554	0	0	372	0	205
CA St U Fullerton	1,957	1,289	0	234	277	157	0
CA St U Hayward	1,173	561	0	100	95	417	0
CA St U Long Beach	4,665	2,626	427	0	794	623	195
CA St U Los Angeles	6,592	3,376	171	36	1,038	1,971	0
CA St U Northridge	3,111	1,359	0	68	1,143	541	0
CA St U Sacramento	221	154	0	0	43	24	0
CA St U San Bernardino	801	463	0	122	216	0	0
CA St U San Marcos	88	88	0	0	0	0	0
CA St U Stanislaus	80	80	0	0	0	0	0
CA State Poly U San Luis	1,444	1,139	0	68	191	46	0
CA State U System Office	890	504	0	0	386	0	0
Cabrillo College	36	0	0	36	0	0	0
California Inst of Tech	109,057	83,772	685	0	5,119	200	19,281
California Lutheran U	205	0	0	0	0	0	205
Cerritos College	96	0	0	0	0	96	0
Charles Drew U Med & Sci	6,255	5,037	0	0	573	440	205
Claremont McKenna College	22	22	0	0	0	0	0
Col Osteo Med of Pacific	65	65	0	0	0	0	0
College of the Desert	106	0	0	0	0	0	106
College of the Sequoias	14	0	0	14	0	0	0
Columbia Col Sonora	119	119	0	0	0	0	0
Cypress College	42	42	0	0	0	0	0
D-Q University	110	0	0	0	0	0	110
Deep Springs College	18	18	0	0	0	0	0
Diablo Valley College	21	0	0	21	0	0	0
East Los Angeles College	399	7	0	0	0	392	0
El Camino College	1,950	0	0	0	0	0	1,950
Fielding Institute	27	27	0	0	0	0	0
Foothill College	95	0	0	95	0	0	0
Foothill Deanza CC SO	1,622	104	0	0	1,518	0	0
Harvey Mudd College	929	554	0	95	17	9	254
Humboldt State University	2,022	1,788	0	0	0	29	205
L A Col of Chiropractic	170	170	0	0	0	0	0
La Sierra University	195	0	195	0	0	0	0
Loma Linda University	3,240	2,975	0	0	216	49	0
Los Angeles Pierce Col	49	0	0	49	0	0	0
Los Angeles Southwest Col	75	0	0	0	0	75	0
Loyola Marymount U	199	95	0	0	104	0	0
Mendocino College	19	19	0	0	0	0	0
Mills College	220	160	0	0	0	11	49
Mira Costa College	48	48	0	0	0	0	0
Monterey Peninsula Col	254	0	0	0	0	0	254

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
California, continued:							
Mt St Marys Col (LA, CA)	237	0	0	0	237	0	0
Natl Hispanc U (Oklnd CA)	99	0	0	0	99	0	0
Occidental College	716	543	134	39	0	0	0
Pasadena City College	99	99	0	0	0	0	0
Pepperdine University	55	55	0	0	0	0	0
Peralta Cmty Col Sys Off	329	329	0	0	0	0	0
Pitzer College	200	200	0	0	0	0	0
Point Loma Nazarene Col	24	24	0	0	0	0	0
Pomona College	242	242	0	0	0	0	0
Riverside Cmty College	28	28	0	0	0	0	0
Saddleback College	75	0	0	0	75	0	0
Sam Merritt College	201	0	0	0	201	0	0
San Diego CC Dist Off	182	182	0	0	0	0	0
San Diego State U	15,097	11,443	228	115	2,296	469	546
San Francisco CC District	34	0	0	34	0	0	0
San Francisco State U	7,217	5,130	0	172	1,872	0	43
San Joaquin Delta College	22	0	0	22	0	0	0
San Jose State University	14,792	10,248	0	155	2,749	975	665
Santa Clara University	618	473	0	0	108	37	0
Santa Monica College	1	1	0	0	0	0	0
Scripps College	15	0	0	15	0	0	0
Sierra College	441	0	0	0	0	0	441
Sonoma State University	523	0	0	26	276	0	221
St Mary's College of CA	22	22	0	0	0	0	0
Stanford University	282,549	262,438	2,259	0	15,832	28	1,992
U CA Berkeley	180,754	148,838	3,269	100	10,849	369	17,329
U CA Davis	104,100	98,856	206	0	4,124	183	731
U CA Irvine	69,520	66,146	1,176	86	2,009	98	5
U CA Los Angeles	236,522	221,820	807	226	10,905	486	2,278
U CA Office of Pres	15,614	13,557	0	0	221	1,836	0
U CA Riverside	21,097	19,441	1,320	31	169	65	71
U CA San Diego	233,129	218,272	3,062	0	9,574	285	1,936
U CA San Francisco	217,505	204,404	426	0	12,471	70	134
U CA Santa Barbara	64,875	60,008	713	141	633	150	3,230
U CA Santa Cruz	19,593	18,175	145	34	597	452	190
U San Francisco	1,082	719	0	0	363	0	0
U Southern California	166,206	149,909	1,670	0	2,418	681	11,528
University of San Diego	424	329	0	0	95	0	0
University of the Pacific	610	568	0	16	0	26	0
Ventura Co Cmty Col SO	9	0	0	9	0	0	0
West Hills Cmty College	73	0	0	0	73	0	0
West Valley College	300	300	0	0	0	0	0
Westmont College	109	109	0	0	0	0	0
Whittier College	64	0	0	64	0	0	0
Colorado, total	283,096	240,566	5,283	189	12,942	14,145	9,971
Adams State College	12	0	0	12	0	0	0
Cmty Col Denver Auraria	67	0	0	0	67	0	0
Colorado College	623	595	0	28	0	0	0
Colorado School of Mines	5,180	4,675	249	43	24	114	75
Colorado State University	66,980	56,550	581	45	1,606	3,351	4,847
Fort Lewis College	1,884	176	1,555	0	113	0	40
Front Range Cmty Col	108	0	0	0	108	0	0
Mesa State College	400	400	0	0	0	0	0
Natl Technological U	1,297	35	0	0	0	0	1,262
Otero Junior College	3,322	3,322	0	0	0	0	0
Regis University CO	52	0	0	0	52	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Colorado, continued:							
Trinidad State Junior Col	245	0	0	0	0	0	245
U Northern Colorado	4,222	744	0	0	1,407	71	2,000
U Southern Colorado	1,498	898	0	0	0	600	0
University of Colorado	190,377	166,455	2,898	61	9,480	9,981	1,502
University of Denver	6,829	6,716	0	0	85	28	0
Connecticut, total	258,814	232,135	3,900	462	15,340	1,588	5,389
Central Connecticut St U	130	91	0	25	14	0	0
Connecticut College	200	15	0	185	0	0	0
Fairfield University	286	190	0	0	96	0	0
Quinnipiac College	14	14	0	0	0	0	0
Sacred Heart University	338	310	0	0	9	19	0
Southern Connecticut St U	184	49	0	0	135	0	0
St Joseph Col	39	0	0	17	22	0	0
Trinity Col (Hartford CT)	139	139	0	0	0	0	0
University of Bridgeport	77	0	0	77	0	0	0
University of Connecticut	52,171	44,797	0	70	2,974	885	3,445
University of Hartford	750	220	0	51	388	0	91
University of New Haven	214	153	0	37	5	19	0
Wesleyan University	3,491	3,403	0	0	58	12	18
Yale University	200,781	182,754	3,900	0	11,639	653	1,835
Delaware, total	35,277	26,669	946	0	1,514	1,732	4,416
Delaware State University	2,622	618	189	0	576	486	753
Delaware Tech & Cmty Col	246	0	0	0	0	0	246
University of Delaware	32,400	26,051	757	0	929	1,246	3,417
Wilmington College DE	9	0	0	0	9	0	0
District of Columbia, total	124,264	111,571	131	19	5,640	3,952	2,951
American University	1,493	775	0	0	48	174	496
Catholic U of America	3,410	3,048	131	0	210	5	16
Gallaudet University	1,753	1,042	0	0	705	6	0
George Washington U	25,398	23,291	0	0	1,372	357	378
Georgetown University	62,519	61,119	0	0	1,157	230	13
Howard University	25,105	19,789	0	19	1,813	2,423	1,061
Trinity Col (Wash, DC)	5	0	0	0	0	5	0
University of DC	4,581	2,507	0	0	335	752	987
Florida, total	305,444	260,285	8,863	1,263	16,921	6,120	11,992
Barry University	1,090	0	0	35	715	340	0
Bethune Cookman College	517	88	0	0	135	294	0
Brevard Community College	50	50	0	0	0	0	0
Central Florida Cmty Col	200	200	0	0	0	0	0
Eckerd College	101	101	0	0	0	0	0
Edward Waters College	300	300	0	0	0	0	0
Embry Riddle Aeronautcl U	950	745	0	0	0	0	205
FL Cmty Col Jacksonville	25	25	0	0	0	0	0
Florida A&M University	17,587	12,714	0	52	2,156	948	1,717
Florida Atlantic U	5,144	4,650	153	0	310	9	22
Florida Inst of Tech	2,699	2,643	0	0	44	0	12
Florida International U	6,526	3,595	1,541	0	268	722	400
Florida State University	38,790	37,801	125	0	854	0	10
Indian River Cmty College	148	148	0	0	0	0	0
Jacksonville University	62	25	0	37	0	0	0
Miami Dade Cmty College	1,179	0	0	1,080	99	0	0
Nova Southeastern U	693	693	0	0	0	0	0
Rollins College	42	42	0	0	0	0	0
Santa Fe Cmty Col FL	54	54	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Florida, continued:							
St Petersburg Junior Col	18	0	0	18	0	0	0
State U System FL Sys Off	2,120	1,085	0	0	117	918	0
U Central Florida	12,299	10,675	500	21	691	38	374
U South Florida	28,335	25,668	819	0	1,668	147	33
U West Florida	3,355	1,782	230	0	1,343	0	0
University of Florida	93,659	73,037	5,495	20	5,633	255	9,219
University of Miami	88,931	83,694	0	0	2,788	2,449	0
University of N Florida	447	447	0	0	0	0	0
University of Tampa	23	23	0	0	0	0	0
Valencia Community Col	100	0	0	0	100	0	0
Georgia, total	316,744	232,269	5,487	567	15,146	5,168	58,107
Agnes Scott College	31	23	0	8	0	0	0
Albany State College	627	0	0	0	176	451	0
Armstrong State College	33	0	0	33	0	0	0
Atlanta Metropolitan Col	46	46	0	0	0	0	0
Brewton Parker College	190	0	0	0	0	0	190
Clark Atlanta University	25,753	22,097	0	19	2,030	1,402	205
Clayton State College	27	0	0	27	0	0	0
Columbus College	23	0	0	23	0	0	0
Covenant College	17	17	0	0	0	0	0
DeKalb College	19	0	0	19	0	0	0
Emory University	78,294	75,391	104	24	2,620	125	30
Fort Valley State College	4,640	2,367	0	0	177	0	2,096
Georgia Institute of Tech	89,839	51,372	1,065	0	1,987	42	35,373
Georgia Southern U	506	328	0	122	50	6	0
Georgia State University	6,596	6,179	0	27	390	0	0
Kennesaw State College	371	291	0	80	0	0	0
La Grange College	34	0	0	34	0	0	0
Medical College GA	12,168	11,923	0	0	206	39	0
Mercer University	8,796	1,192	0	0	816	6	6,782
Morehouse College	4,047	754	0	0	2,554	518	221
Morehouse School of Med	11,662	8,420	1,750	0	186	1,281	25
Morris Brown College	1,278	1,174	0	0	0	104	0
Oglethorpe University	21	0	0	21	0	0	0
Paine College	155	155	0	0	0	0	0
Savannah State College	212	34	0	0	178	0	0
Spelman College	2,401	353	0	29	1,388	631	0
U System of Georgia	1,719	1,098	0	0	71	550	0
University of Georgia	66,858	48,882	2,568	0	2,210	13	13,185
Valdosta State University	107	0	0	0	107	0	0
Wesleyan College	40	0	0	40	0	0	0
West Georgia College	234	173	0	61	0	0	0
Hawaii, total	73,607	62,203	511	0	2,383	3,363	5,147
Chaminade U of Honolulu	303	0	0	0	0	303	0
U Hawaii Hilo	2,007	1,932	0	0	75	0	0
U Hawaii Manoa	58,741	50,628	0	0	2,104	1,067	4,942
U Hawaii System Off	12,556	9,643	511	0	204	1,993	205
Idaho, total	26,502	19,120	1,571	179	892	443	4,297
Boise State University	1,286	1,286	0	0	0	0	0
Idaho State University	2,115	642	862	74	447	4	86
Lewis Clark State College	19	0	0	0	0	19	0
North Idaho College	1,379	1,379	0	0	0	0	0
University of Idaho	21,703	15,813	709	105	445	420	4,211

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Illinois, total	505,034	440,536	5,493	2,138	27,327	2,545	26,995
Augustana Col (Rk Isl IL)	53	53	0	0	0	0	0
Aurora College	8	0	0	0	8	0	0
Bradley University	669	583	0	52	34	0	0
Chicago State University	1,275	214	0	0	0	1,061	0
City Colleges of Chicago	1,431	1,285	0	0	0	146	0
Columbia College IL	56	0	0	56	0	0	0
De Paul University	733	523	0	0	181	29	0
East West University	190	0	0	0	0	0	190
Eastern Illinois U	319	99	0	40	180	0	0
Finch U Hlth Sci	4,917	4,865	0	0	52	0	0
Governors State U	36	0	0	0	36	0	0
Heartland Cmty College	27	0	0	27	0	0	0
IL E CC Olney Central Col	9	0	0	9	0	0	0
Illinois Inst of Tech	16,035	10,797	148	0	606	7	4,477
Illinois State University	2,102	1,701	0	128	273	0	0
John Marshall Law School	28	0	0	0	0	0	28
Joliet Jr College	220	0	0	0	0	0	220
Knox College	215	215	0	0	0	0	0
Lake Forest College	254	131	0	123	0	0	0
Lewis University	20	0	0	0	20	0	0
Loyola U Chicago	10,800	10,518	0	36	210	32	4
Midwestern University	1,246	97	0	0	1,149	0	0
Natl Col of Chiropractic	134	134	0	0	0	0	0
North Central College	43	0	0	43	0	0	0
Northeastern Illinois U	221	0	0	17	204	0	0
Northern Illinois U	5,457	4,162	0	58	1,033	204	0
Northwestern University	106,116	99,896	1,281	1,285	3,368	38	248
Parkland College	22	0	0	22	0	0	0
Rockford College	31	0	0	13	0	18	0
Roosevelt University	25	0	0	25	0	0	0
Rush University	1,013	912	0	0	101	0	0
Sangamon State University	68	68	0	0	0	0	0
Southern IL U Carbondale	10,076	8,039	734	27	1,198	66	12
Southern IL U Edwardsvlle	1,007	883	0	68	56	0	0
Southern IL University	5,643	5,643	0	0	0	0	0
St Francis Med Ctr Col	748	0	0	0	748	0	0
St Xavier University	120	0	0	75	45	0	0
U IL Central Office	7,321	6,887	0	0	31	397	6
U IL Chicago	64,197	60,139	574	0	2,196	117	1,171
U IL at Urbana-Champaign	146,581	119,674	1,397	0	5,825	385	19,300
University of Chicago	114,674	102,363	1,254	0	9,673	45	1,339
Western Illinois U	590	456	0	34	100	0	0
William Rainey Harper Col	199	199	0	0	0	0	0
Wm M Scholl Col Pod Med	105	0	105	0	0	0	0
Indiana, total	207,133	178,422	3,968	401	7,342	705	16,295
Ball State University	620	581	0	21	12	6	0
De Pauw University	52	52	0	0	0	0	0
Earlham College	33	19	0	14	0	0	0
Goshen College	11	0	0	11	0	0	0
Indiana St U All Campuses	426	420	0	0	6	0	0
Indiana University	90,785	82,941	2,796	57	4,313	160	518
Indiana Wesleyan U	29	0	0	0	29	0	0
Manchester College	53	53	0	0	0	0	0
Marian College IN	12	0	0	12	0	0	0
Purdue University	97,422	77,870	543	181	2,640	539	15,649

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Indiana, continued:							
Rose-Hulman Inst of Tech	129	129	0	0	0	0	0
University of Evansville	28	0	0	22	6	0	0
University of Notre Dame	17,125	15,965	629	83	320	0	128
Valparaiso University	408	392	0	0	16	0	0
Iowa, total	176,398	142,430	1,341	405	8,471	521	23,230
Clarke Col (Dubuque, IA)	46	46	0	0	0	0	0
Coe College	82	49	0	33	0	0	0
Dordt College	52	52	0	0	0	0	0
Drake University	274	77	0	0	197	0	0
Eastern Iowa Cmty Col	269	0	0	0	269	0	0
Grand View College	45	0	45	0	0	0	0
Grinnell College	402	210	0	192	0	0	0
Iowa State University	71,813	45,780	941	61	2,595	430	22,006
Kirkwood Community Col	324	324	0	0	0	0	0
Loras College	140	140	0	0	0	0	0
Luther College	18	5	0	13	0	0	0
Maharishi U of Mgmt	965	956	0	0	0	9	0
North Iowa Area Cmty Col	22	22	0	0	0	0	0
Northwestern Col IA	23	23	0	0	0	0	0
Simpson Col (Indnl IA)	21	0	0	21	0	0	0
U Northern Iowa	1,341	246	0	11	55	0	1,029
University of Dubuque	6	0	0	6	0	0	0
University of Iowa	100,501	94,500	355	14	5,355	82	195
Wartburg College	54	0	0	54	0	0	0
Kansas, total	72,154	57,070	2,668	63	3,815	151	8,387
Emporia State University	162	57	0	13	72	0	20
Kansas State University	31,728	20,560	2,364	50	1,483	64	7,207
Pittsburg State U	65	65	0	0	0	0	0
Southwestern College KS	4	4	0	0	0	0	0
University of Kansas	37,809	34,886	304	0	1,945	82	592
Wichita State University	2,386	1,498	0	0	315	5	568
Kentucky, total	83,905	62,638	503	599	3,676	386	16,103
Bellarmine College	45	45	0	0	0	0	0
Berea College	46	0	0	46	0	0	0
Centre College	15	15	0	0	0	0	0
Georgetown College	25	25	0	0	0	0	0
Kentucky State University	5,643	2,840	0	0	138	170	2,495
Morehead State University	50	0	0	50	0	0	0
Murray State University	27	0	0	27	0	0	0
Northern Kentucky U	278	263	0	15	0	0	0
Spalding University	27	0	0	0	27	0	0
Thomas More College	25	25	0	0	0	0	0
Transylvania University	24	0	0	24	0	0	0
University of Kentucky	65,372	48,581	134	341	2,592	116	13,608
University of Louisville	9,463	8,253	369	30	711	100	0
Western Kentucky U	2,865	2,591	0	66	208	0	0
Louisiana, total	140,832	122,099	450	36	4,904	2,814	10,529
Centenary College of LA	26	26	0	0	0	0	0
Dillard University	349	325	0	0	0	24	0
Grambling State U	909	309	0	0	342	258	0
LA St U System Office	144	142	0	0	0	0	2
LA U Marine Consortium	17	17	0	0	0	0	0
Louisiana College	61	61	0	0	0	0	0
Louisiana State U All Cmp	80,457	67,690	450	13	2,680	1,686	7,938
Louisiana Tech University	1,189	1,063	0	0	126	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Louisiana, continued:							
Loyola U New Orleans	276	276	0	0	0	0	0
McNeese State University	100	81	0	0	0	19	0
Northeast Louisiana U	823	737	0	0	18	0	68
Northwestern State U	73	11	0	0	62	0	0
Nunez Community College	27	27	0	0	0	0	0
Southeastern Louisiana U	426	90	0	16	66	0	254
Southrn U A&M Col All Cmp	8,776	5,572	0	0	711	261	2,232
Tulane University	41,344	40,907	0	7	418	0	12
U Southwestern Louisiana	3,124	3,079	0	0	22	0	23
Xavier University LA	2,711	1,686	0	0	459	566	0
Maine, total	22,575	14,163	1,223	236	736	1,353	4,864
Bates College	403	263	0	140	0	0	0
Bowdoin College	969	221	723	0	0	0	25
Colby College	84	29	0	55	0	0	0
College of the Atlantic	46	46	0	0	0	0	0
St Josephs Col ME	18	18	0	0	0	0	0
U Maine Augusta	42	0	0	0	0	42	0
U Maine Farmington	108	11	0	0	97	0	0
U Maine Machias	77	77	0	0	0	0	0
U Maine System Office	3,177	1,672	0	0	199	1,306	0
University of Maine	16,032	10,408	500	0	280	5	4,839
University of New England	110	0	0	0	110	0	0
University of S Maine	1,509	1,418	0	41	50	0	0
Maryland, total	957,386	778,083	4,063	249	24,612	2,008	148,371
Allegany Community Col	110	110	0	0	0	0	0
Bowie State University	320	132	0	0	188	0	0
Capitol College	75	0	0	0	75	0	0
Catonsville Cmty College	266	95	0	0	171	0	0
Charles County Cmty Col	14	14	0	0	0	0	0
Chesapeake College	25	25	0	0	0	0	0
Col of Notre Dame MD	186	186	0	0	0	0	0
Columbia Union College	663	663	0	0	0	0	0
Coppin State College	553	75	0	0	199	279	0
Frostburg State U	282	67	0	0	0	0	215
Goucher College	226	226	0	0	0	0	0
Harford Community College	43	43	0	0	0	0	0
Hood College	922	922	0	0	0	0	0
Howard Community College	42	0	0	42	0	0	0
Johns Hopkins University	764,025	612,681	1,570	0	18,016	744	131,014
Loyola College	745	726	0	19	0	0	0
Montgomery College	106	50	0	0	0	56	0
Morgan State University	6,296	5,014	0	0	617	0	665
Mt St Marys Col & Seminry	683	683	0	0	0	0	0
Prince Georges Cmty Col	73	73	0	0	0	0	0
Salisbury State U	156	132	0	0	24	0	0
St Marys Col of MD	147	142	0	0	5	0	0
Towson State University	607	542	0	65	0	0	0
U MD Baltimore	64,373	61,050	0	0	1,674	226	1,423
U MD Baltimore County	4,647	3,690	0	0	233	3	721
U MD College Park	97,518	80,617	2,454	36	1,297	526	12,588
U MD Eastern Shore	3,419	1,689	0	0	427	95	1,208
U MD University Col	295	177	0	0	118	0	0
U Maryland Sys Admin	5,789	3,968	0	0	1,568	8	245
U of MD Center for EES	4,220	3,885	0	0	0	63	272

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Maryland, continued:							
University of Baltimore	248	238	0	0	0	0	10
Villa Julie College	74	35	39	0	0	0	0
Washington College	95	0	0	87	0	8	0
Western Maryland College	143	133	0	0	0	0	10
Massachusetts, total	854,268	781,635	11,969	548	44,342	2,965	12,809
American Intl College	6	6	0	0	0	0	0
Amherst College	2,766	986	1,780	0	0	0	0
Assumption College	438	95	0	0	343	0	0
Bentley College	250	250	0	0	0	0	0
Boston College	8,345	7,897	0	0	420	28	0
Boston University	84,504	77,844	2,303	0	4,159	198	0
Brandeis University	21,115	19,342	0	0	1,749	19	5
Bridgewater State College	222	222	0	0	0	0	0
Clark University	1,439	1,439	0	0	0	0	0
Col of the Holy Cross	470	325	0	145	0	0	0
Emerson College	275	0	0	0	275	0	0
Five Colleges Inc	28	28	0	0	0	0	0
Franklin Inst Boston	19	19	0	0	0	0	0
Greenfield Community Col	103	83	0	20	0	0	0
Hampshire College	360	360	0	0	0	0	0
Harvard University	210,011	190,125	698	0	18,902	63	223
MA Inst of Technology	290,265	267,404	4,649	0	11,880	1,829	4,503
Middlesex Cmty Col MA	384	348	0	36	0	0	0
Mount Holyoke College	664	614	50	0	0	0	0
Northeastern University	12,562	12,126	0	0	276	64	96
Radcliffe College	367	367	0	0	0	0	0
Roxbury Community College	1	1	0	0	0	0	0
Salem State College	90	75	0	15	0	0	0
Simmons College	815	634	0	0	181	0	0
Smith College	777	571	0	100	106	0	0
Stonehill College	15	0	0	15	0	0	0
Suffolk University	147	147	0	0	0	0	0
Tufts University	47,407	45,144	0	0	1,677	55	531
U MA Amherst	41,682	33,628	1,363	48	2,237	13	4,393
U MA Boston	3,242	2,651	0	0	591	0	0
U MA Central Office	554	551	0	0	3	0	0
U MA Dartmouth	2,431	2,377	0	54	0	0	0
U MA Lowell	4,069	3,911	75	0	83	0	0
U MA Worcester	38,872	37,460	0	0	1,237	175	0
Wellesley College	1,254	1,171	50	33	0	0	0
Wentworth Inst of Tech	1,236	1,236	0	0	0	0	0
Western New England Col	29	0	0	29	0	0	0
Wheelock College	225	147	0	0	78	0	0
Williams College	585	580	0	0	0	5	0
Woods Hole Oceangraphic	68,281	66,791	100	0	123	510	757
Worcester Polytech Inst	7,963	4,680	901	53	22	6	2,301
Michigan, total	433,431	378,445	4,427	721	19,379	2,999	27,460
Adrian College	23	23	0	0	0	0	0
Albion College	77	24	0	53	0	0	0
Alma College	65	35	0	30	0	0	0
Andrews University	5	5	0	0	0	0	0
Aquinas Col (Grnd Rpd MI)	24	24	0	0	0	0	0
Calvin College	231	231	0	0	0	0	0
Central Michigan U	533	467	0	66	0	0	0
Cnsrtm Intl Earth Sci Info	10,380	4,500	0	0	0	0	5,880

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Michigan, continued:							
Davenport College	25	25	0	0	0	0	0
Delta College	1,231	0	1,175	37	0	19	0
Eastern Michigan U	860	488	372	0	0	0	0
Ferris State University	48	0	0	48	0	0	0
GMI Engineering Mgt Inst	195	78	0	117	0	0	0
Grand Rapids Cmty Col	83	23	0	0	60	0	0
Grand Valley State U	259	39	0	12	15	0	193
Henry Ford Community Col	150	130	0	10	0	0	10
Hope College	839	751	60	28	0	0	0
Kalamazoo College	201	201	0	0	0	0	0
Lake Michigan College	23	23	0	0	0	0	0
Lake Superior State U	220	75	0	55	0	0	90
Lawrence Technological U	50	50	0	0	0	0	0
Madonna University	104	104	0	0	0	0	0
Michigan State University	85,993	67,422	1,242	0	2,860	257	14,212
Michigan Tech University	9,065	8,552	310	100	64	39	0
Northern Michigan U	287	57	0	32	0	0	198
Oakland University	3,905	3,814	0	0	46	32	13
U of Detroit Mercy	2,540	2,486	0	0	14	0	40
University of Michigan	263,243	240,390	1,111	115	13,859	944	6,824
Wayne State University	49,279	45,430	157	18	1,966	1,708	0
West Shore Community Col	23	23	0	0	0	0	0
Western Michigan U	3,470	2,975	0	0	495	0	0
Minnesota, total	228,602	187,049	2,181	15,883	8,300	704	14,485
Arrowhead Cmty Colleges	372	272	0	0	0	100	0
Augsburg College	352	313	0	39	0	0	0
Carleton College	504	410	0	94	0	0	0
College of St Catherine	51	0	0	0	51	0	0
College of St Scholastica	23	0	0	0	23	0	0
Concordia Col Moorhead	67	67	0	0	0	0	0
Gustavus Adolphus College	181	120	0	61	0	0	0
Hamline University	254	100	109	45	0	0	0
Lakewood Community Col	216	0	0	0	0	0	216
Luther Seminary	14	14	0	0	0	0	0
MN St Cols & Universities	1,113	1,113	0	0	0	0	0
Macalester College	257	178	0	65	0	0	14
Mankato State University	623	375	0	138	110	0	0
Moorhead State University	129	29	0	100	0	0	0
Northland Cmty & Tech Col	46	46	0	0	0	0	0
Southwest State U	64	0	0	64	0	0	0
St Cloud State University	2,867	2,848	0	0	0	19	0
St Mary's Univ of MN	41	4	0	13	24	0	0
St Olaf College	1,313	1,265	41	7	0	0	0
U of St Thomas (St Pl MN)	15,108	47	0	15,054	7	0	0
University of Minnesota	204,971	179,848	2,031	192	8,060	585	14,255
Winona State University	36	0	0	11	25	0	0
Mississippi, total	72,120	46,681	1,798	122	3,730	1,985	17,804
Alcorn State University	3,602	1,717	0	0	0	179	1,706
Delta State University	23	23	0	0	0	0	0
Hinds Cmty Col Raymond	272	1	0	0	0	75	196
Jackson State University	5,532	3,772	0	0	980	590	190
MS AL Sea Grant Cnsrtm	1,095	515	0	0	66	514	0
Millsaps College	2	0	0	0	2	0	0
Mississippi College	20	0	0	20	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Mississippi, continued:							
Mississippi State U	36,868	20,535	1,179	50	436	25	14,643
Mississippi U for Women	55	0	0	0	55	0	0
Mississippi Valley St U	701	1	0	0	609	91	0
Rust College	563	178	0	0	196	189	0
Tougaloo College	494	0	0	0	272	222	0
U Southern Mississippi	5,847	4,979	203	52	596	17	0
University of Mississippi	17,046	14,960	416	0	518	83	1,069
Missouri, total	261,041	219,311	5,809	300	14,796	525	20,300
Avila College	3	3	0	0	0	0	0
Central Missouri St U	44	0	0	44	0	0	0
Drury College	11	0	0	11	0	0	0
Kirksville Col Osteo Med	1,393	668	0	0	720	5	0
Lincoln U (Jefrsn Cty MO)	5,886	2,358	0	0	679	224	2,625
Missouri Western St Col	33	33	0	0	0	0	0
North Central MO Col	1,272	1,272	0	0	0	0	0
Northeast Missouri St U	76	76	0	0	0	0	0
Northwest Missouri St U	278	0	0	52	0	0	226
PA Valley Community Col	39	0	0	39	0	0	0
Rockhurst College	23	23	0	0	0	0	0
Southeast Missouri St U	128	117	0	0	11	0	0
Southwest Missouri St U	560	526	0	34	0	0	0
St Louis Community Col	129	129	0	0	0	0	0
St Louis University	22,270	20,633	405	14	1,004	24	190
U Missouri Columbia	47,100	29,320	4,214	39	1,430	127	11,970
U Missouri Kansas City	4,880	4,787	0	0	82	8	3
U Missouri Rolla	5,667	4,969	577	0	45	0	76
U Missouri St Louis	3,688	3,525	113	25	25	0	0
U Missouri System Admin	2,081	1,012	0	0	927	0	142
Washington University	165,336	149,860	500	0	9,771	137	5,068
William Woods University	144	0	0	42	102	0	0
Montana, total	34,933	25,281	1,917	0	1,135	798	5,802
Carroll Col (Helena, MT)	9	9	0	0	0	0	0
Fort Belknap College	119	0	0	0	0	119	0
MT State U Billings	117	12	0	0	105	0	0
MT Tech U of MT	422	422	0	0	0	0	0
Montana State U (Bozeman)	25,182	16,779	1,917	0	285	529	5,672
Montana U Sys Sys Off	1,591	1,591	0	0	0	0	0
Salish Kootenai College	519	75	0	0	444	0	0
Stone Child College	141	0	0	0	0	141	0
University of Montana	6,833	6,393	0	0	301	9	130
Nebraska, total	55,209	40,176	256	49	1,533	116	13,079
Creighton University	5,014	4,698	0	0	59	13	244
Dana College	13	0	0	0	0	0	13
Southeast Community Col	50	0	0	0	0	0	50
U NE Ctrl Admin Sys Off	838	497	0	0	341	0	0
U Nebraska Lincoln	34,703	21,935	256	24	602	70	11,816
U Nebraska Med Ctr Omaha	14,085	12,944	0	0	346	13	782
U Nebraska Omaha	506	102	0	25	185	20	174
Nevada, total	31,374	27,328	52	40	1,238	531	2,185
Desert Research Institute	5,451	5,421	0	0	0	0	30
Sierra Nevada College	21	0	0	0	0	21	0
U & Cmty Col NV Sys Off	2,508	2,026	0	0	0	482	0
U Nevada Las Vegas	7,732	7,348	52	0	332	0	0
U Nevada Reno	15,662	12,533	0	40	906	28	2,155

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Hampshire, total	64,945	60,228	0	85	1,804	284	2,544
Dartmouth College	41,498	40,051	0	0	1,190	36	221
Franklin Pierce College	24	0	0	24	0	0	0
NH Tech Col Stratham	80	30	0	50	0	0	0
New Hampshire College	160	160	0	0	0	0	0
Rivier College	5	0	0	0	5	0	0
St Anselm College	57	57	0	0	0	0	0
U NH Plymouth St Col	11	0	0	11	0	0	0
U New Hampshire	22,167	19,201	0	0	512	131	2,323
U System of NH Sys Off	943	729	0	0	97	117	0
New Jersey, total	228,532	200,445	5,401	667	8,881	1,908	11,230
Bloomfield College	39	0	0	39	0	0	0
Camden County College	356	130	0	226	0	0	0
Drew University	156	81	0	75	0	0	0
Georgian Court College	25	0	0	0	0	0	25
Hudson Co Community Col	10	10	0	0	0	0	0
Jersey City State College	95	0	0	0	95	0	0
Kean Col of New Jersey	18	18	0	0	0	0	0
Middlesex County College	301	170	0	0	0	81	50
Monmouth University	175	175	0	0	0	0	0
Montclair State U	37	0	0	37	0	0	0
NJ Inst of Technology	10,123	7,428	449	0	1,508	430	308
Princeton University	67,326	62,041	1,173	50	3,383	10	669
R Stockton State Col NJ	219	0	155	64	0	0	0
Ramapo College of NJ	821	821	0	0	0	0	0
Rider University	12	0	0	12	0	0	0
Rowan Col of New Jersey	41	41	0	0	0	0	0
Rutgers the St U of NJ	80,780	64,394	3,624	64	2,088	719	9,891
Seton Hall University	785	681	0	0	63	41	0
Stevens Institute of Tech	11,519	11,248	0	0	170	0	101
Trenton State College	1,324	1,112	0	100	112	0	0
U Med & Dent of NJ	54,295	52,020	0	0	1,462	627	186
William Paterson College	75	75	0	0	0	0	0
New Mexico, total	131,903	101,821	3,415	6,890	7,636	2,124	10,017
Albuquerque T-Vi A CC	65	0	0	65	0	0	0
Col of the Southwest	15	15	0	0	0	0	0
Eastern New Mexico U	214	214	0	0	0	0	0
NM Inst Mining & Tech	5,224	4,924	250	25	0	20	5
New Mexico Highlands U	3,451	1,005	0	0	1,321	325	800
New Mexico State U	48,338	37,287	1,052	0	2,181	815	7,003
SW Indian Polytech Inst	20	20	0	0	0	0	0
Santa Fe Cmty Col NM	119	0	0	0	119	0	0
University of New Mexico	74,407	58,306	2,113	6,800	4,015	964	2,209
Western New Mexico U	50	50	0	0	0	0	0
New York, total	1,134,116	1,028,033	20,627	2,123	46,643	6,834	29,856
Adelphi University	470	413	0	0	57	0	0
Albany Col of Pharmacy	99	99	0	0	0	0	0
Albany Medical College	9,145	8,626	0	0	492	27	0
Alfred University	1,205	954	150	0	101	0	0
Bank Street Col of Ed	184	77	0	0	107	0	0
Barnard College	657	657	0	0	0	0	0
CUNY Bernard Baruch Col	608	608	0	0	0	0	0
CUNY Boro of Manhattan CC	107	107	0	0	0	0	0
CUNY Bronx Cmty College	358	2	0	0	0	356	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued:							
CUNY Brooklyn College	1,859	1,742	0	117	0	0	0
CUNY City College	15,035	13,919	0	81	471	519	45
CUNY Col Staten Island	548	531	0	17	0	0	0
CUNY Grad Schl & U Ctr	3,405	3,094	0	0	221	90	0
CUNY H H Lehman College	2,227	1,146	167	0	198	716	0
CUNY Hunter College	7,142	5,970	0	0	633	539	0
CUNY J Jay Col Crim Just	232	127	0	0	0	105	0
CUNY Laguardia Cmty Col	51	3	0	0	48	0	0
CUNY Medgar Evers College	46	0	0	46	0	0	0
CUNY Mt Sinai Schl of Med	55,583	53,533	0	0	1,564	293	193
CUNY NY City Tech Col	320	291	0	0	0	29	0
CUNY Queens College	2,481	2,301	0	72	0	11	97
CUNY Queensboro Cmty Col	218	218	0	0	0	0	0
CUNY System Office	5,155	3,920	0	0	1,186	49	0
CUNY York College	1,248	61	0	0	224	963	0
Canisius College	125	40	0	85	0	0	0
Clarkson University	4,947	4,647	0	107	183	0	10
Col of Mount St Vincent	46	0	0	30	16	0	0
Colgate University	815	659	0	41	0	115	0
College of New Rochelle	24	0	0	0	24	0	0
Columbia U Central Off	2,934	2,934	0	0	0	0	0
Columbia U City New York	197,615	187,308	1,551	0	8,068	184	504
Cooper Union	276	162	0	64	50	0	0
Cornell University	221,533	194,482	2,601	190	8,069	770	15,426
D'Youville College	49	0	0	0	49	0	0
Fordham University	2,439	2,402	0	0	4	33	0
Hamilton College	183	162	21	0	0	0	0
Hobart Wm Smith Colleges	358	212	109	37	0	0	0
Hofstra University	1,151	843	0	70	238	0	0
Houghton College	25	25	0	0	0	0	0
Iona College	135	135	0	0	0	0	0
Ithaca College	500	392	0	79	0	29	0
Le Moyne College	26	26	0	0	0	0	0
Long Island University	354	0	0	0	184	170	0
Manhattan College	211	105	0	0	99	7	0
Mercy College NY	152	51	0	8	93	0	0
Nazareth Col of Rochester	86	25	0	61	0	0	0
New School Social Rsch	398	375	0	0	23	0	0
New York Inst Technology	153	153	0	0	0	0	0
New York Medical College	13,718	13,560	0	0	137	21	0
New York University	98,081	92,762	210	10	4,942	26	131
Niagara University	337	313	0	24	0	0	0
Pace University	618	469	0	0	149	0	0
Polytechnic University	5,742	5,457	278	0	0	0	7
Regents Col, U of St NY	110	110	0	0	0	0	0
Rensselaer Polytech Inst	27,300	20,594	2,233	30	491	105	3,847
Rochester Inst Technology	5,492	4,370	922	162	0	38	0
Rockefeller University	43,716	42,406	0	0	1,284	26	0
Russell Sage College	182	60	0	38	84	0	0
SUNY Col Brockport	1,022	391	457	88	86	0	0
SUNY Col Buffalo	2,360	1,851	0	0	509	0	0
SUNY Col Cortland	209	194	0	15	0	0	0
SUNY Col Env Sci & Forest	945	945	0	0	0	0	0
SUNY Col Fredonia	158	158	0	0	0	0	0
SUNY Col Geneseo	275	77	156	42	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New York, continued:							
SUNY Col New Paltz	130	75	0	35	20	0	0
SUNY Col Old Westbury	1,287	662	0	0	174	451	0
SUNY Col Oswego	69	69	0	0	0	0	0
SUNY Col Plattsburgh	492	492	0	0	0	0	0
SUNY Col Potsdam	197	197	0	0	0	0	0
SUNY Col Tech Alfred	40	0	0	40	0	0	0
SUNY Col Tech Delhi	80	0	0	80	0	0	0
SUNY Col of Optomeiry	109	76	0	0	33	0	0
SUNY Genesee Cmty College	17	17	0	0	0	0	0
SUNY Hlth Sci Ctr Brookly	18,861	18,778	0	0	70	13	0
SUNY Hlth Sci Ctr Syracus	8,413	8,338	0	0	75	0	0
SUNY Inst Tech Utica Rome	67	12	0	55	0	0	0
SUNY Jamestown Cmty Col	72	40	0	32	0	0	0
SUNY Monroe Cmty College	10	0	0	10	0	0	0
SUNY Nassau Cmty College	97	59	0	38	0	0	0
SUNY Purchase Col	70	70	0	0	0	0	0
SUNY Schenectady Co CC	21	0	0	21	0	0	0
SUNY System Office	3,672	2,843	0	0	378	0	451
SUNY Ulster Co Cmty Col	47	0	0	0	47	0	0
SUNY Westchester Cmty Col	174	0	0	0	174	0	0
SUNY at Albany	15,571	15,252	7	70	213	29	0
SUNY at Binghamton	4,273	3,942	122	39	91	79	0
SUNY at Buffalo	45,479	37,932	647	0	2,456	65	4,379
SUNY at Stony Brook	66,489	61,832	625	75	1,545	230	2,182
Sarah Lawrence College	20	0	0	20	0	0	0
Siena College	25	22	0	0	0	0	3
St Bonaventure University	18	0	0	18	0	0	0
St John Fisher College	41	41	0	0	0	0	0
St Johns University NY	1,252	892	0	0	0	360	0
St Lawrence University	63	63	0	0	0	0	0
Syracuse University	18,526	16,695	0	0	669	106	1,056
Teachers Col Columbia U	1,984	1,670	0	0	299	15	0
Technical Career Inst	5	0	0	5	0	0	0
Union Col (Schenectdy NY)	653	145	446	55	7	0	0
University of Rochester	125,863	108,638	9,925	0	5,755	20	1,525
Vassar College	590	590	0	0	0	0	0
Wagner College	37	0	0	16	21	0	0
Yeshiva University NY	76,114	71,337	0	0	4,532	245	0
North Carolina, total	502,963	429,547	10,338	1,493	27,618	5,902	28,065
Appalachian St University	491	229	0	0	218	0	44
Barber Scotia College	46	0	0	0	0	46	0
Bennett College NC	642	188	0	0	247	207	0
Bladen Community College	1,080	0	0	1,080	0	0	0
Campbell University	124	124	0	0	0	0	0
Catawba College	77	77	0	0	0	0	0
Chowan College	35	35	0	0	0	0	0
Davidson College	329	299	0	30	0	0	0
Duke University	165,501	154,649	971	0	7,386	385	2,110
East Carolina University	5,155	4,692	0	30	384	49	0
Elizabeth City State U	575	251	0	0	100	224	0
Elon College	31	0	0	30	0	0	1
Fayetteville State U	680	117	0	21	49	493	0
Guilford College	12	12	0	0	0	0	0
Johnson C Smith U	557	195	0	0	99	263	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
North Carolina, continued:							
Johnston Community Col	47	47	0	0	0	0	0
Livingstone College	267	0	0	0	0	267	0
Mars Hill College	94	94	0	0	0	0	0
Methodist College	42	42	0	0	0	0	0
NC Ag & Tech State U	18,444	10,844	2,000	0	921	666	4,013
NC State U Raleigh	72,875	49,998	2,171	0	3,360	1,365	15,981
North Carolina Central U	1,254	206	0	0	391	657	0
Pembroke State University	4	0	0	0	4	0	0
Shaw University	221	71	0	0	150	0	0
U NC Asheville	547	291	[illegible]	139	37	0	80
U NC Chapel Hill	165,083	146,606	764	100	11,521	593	5,499
U NC Charlotte	3,404	1,651	1,099	39	476	134	5
U NC General Admin Off	72	72	0	0	0	0	0
U NC Greensboro	2,726	2,271	0	0	450	5	0
U NC Wilmington	4,681	4,567	114	0	0	0	0
Wake Forest University	56,784	51,789	3,219	0	1,620	24	132
Western Carolina U	433	130	0	24	79	0	200
Winston Salem State U	650	0	0	0	126	524	0
North Dakota, total	33,338	18,810	3,626	2,827	2,214	511	5,350
Fort Bethold Cmty College	85	0	0	0	0	85	0
Jamestown College	24	24	0	0	0	0	0
Little Hoop Cmty Col	276	0	0	0	125	151	0
Mayville State University	396	396	0	0	0	0	0
Minot State University	645	290	0	0	355	0	0
North Dakota St Col Sci	18	18	0	0	0	0	0
North Dakota State U	14,336	7,340	1,662	0	214	7	5,113
Standing Rock College	119	0	0	0	119	0	0
Turtle Mountain Cmty Col	251	0	0	0	0	19	232
United Tribes Tech Col	20	0	0	0	0	20	0
University of Mary	27	0	0	0	27	0	0
University of N Dakota	17,141	10,742	1,964	2,827	1,374	229	5
Ohio, total	371,520	327,749	1,795	721	16,426	3,081	21,748
Antioch University	3	3	0	0	0	0	0
Baldwin Wallace College	65	30	0	35	0	0	0
Bowling Green State U	1,744	1,103	0	14	116	5	506
Case Western Reserve U	108,212	99,483	0	0	5,635	322	2,772
Central State U OH	1,992	1,696	0	0	271	0	25
Cleveland State U	3,061	2,910	0	20	131	0	0
College of Wooster	146	146	0	0	0	0	0
Cuyahoga Cmty Col	457	430	0	0	0	0	27
Denison University	144	91	0	53	0	0	0
Hiram College	39	0	0	39	0	0	0
John Carroll University	5,574	5,549	0	25	0	0	0
Kent State University	7,968	6,961	0	0	988	19	0
Kenyon College	297	297	0	0	0	0	0
Marietta College	20	0	0	20	0	0	0
Marion Technical College	15	0	0	15	0	0	0
Medical College OH Toledo	8,102	7,637	0	0	452	13	0
Miami University OH	3,415	2,730	406	101	173	5	0
N E Ohio U Col of Med	1,084	1,035	0	0	24	25	0
Oberlin College	652	612	0	40	0	0	0
Ohio Northern University	29	0	0	29	0	0	0
Ohio State University	113,463	92,320	564	50	4,194	2,298	14,037
Ohio University	5,145	4,827	100	49	112	24	33

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Ohio, continued:							
Ohio Wesleyan University	357	257	0	100	0	0	0
Otterbein College	27	0	0	27	0	0	0
Sinclair Community Col	1,150	1,150	0	0	0	0	0
University of Akron	4,638	4,192	0	13	238	0	195
University of Cincinnati	55,436	52,371	0	7	2,760	90	208
University of Dayton	33,626	29,401	470	0	44	0	3,711
University of Toledo	4,371	3,768	255	62	281	5	0
Wilberforce University	477	477	0	0	0	0	0
Wright State University	9,366	8,104	0	22	946	60	234
Xavier University OH	374	98	0	0	61	215	0
Youngstown St University	71	71	0	0	0	0	0
Oklahoma, total	77,091	45,507	786	316	3,221	2,112	25,149
Cameron University	74	74	0	0	0	0	0
Carl Albert State Col	205	0	0	0	0	0	205
East Central University	619	170	0	0	259	0	190
Langston University	2,991	1,313	0	0	80	0	1,598
Murray State College	19	0	0	0	0	19	0
Northeastern State U	24	24	0	0	0	0	0
Oklahoma State University	37,661	14,073	786	120	316	24	22,342
Rogers State College	200	0	0	0	0	0	200
Southeastern OK St U	854	48	0	0	383	218	205
Southwestern OK St U	68	68	0	0	0	0	0
U of Central Oklahoma	62	25	0	37	0	0	0
University of Oklahoma	32,503	28,174	0	86	1,983	1,851	409
University of Tulsa	1,811	1,538	0	73	200	0	0
Oregon, total	163,475	137,848	5,746	248	11,509	1,821	6,303
Central Oregon Cmty Col	679	644	0	35	0	0	0
Chemeketa Community Col	48	48	0	0	0	0	0
Clackamas Community Col	25	25	0	0	0	0	0
Clatsop Community College	21	0	0	21	0	0	0
Eastern Oregon St College	1,067	1,067	0	0	0	0	0
Lane Community College	126	26	0	0	100	0	0
Lewis & Clark College	345	155	0	0	190	0	0
Linn Benton Community Col	21	21	0	0	0	0	0
Mount Hood Community Col	2,011	2,011	0	0	0	0	0
OR St Sys Higher Ed Off	872	872	0	0	0	0	0
Oregon Grad Inst Sci Tech	7,500	7,233	225	0	23	19	0
Oregon Hlth Sciences U	53,524	48,890	0	0	4,489	47	98
Oregon Institute of Tech	300	300	0	0	0	0	0
Oregon State University	67,854	53,854	4,903	54	1,416	1,745	5,882
Portland Community Col	100	100	0	0	0	0	0
Portland State University	1,942	1,391	0	11	540	0	0
Reed College	703	633	0	70	0	0	0
Southern Oregon St Col	114	114	0	0	0	0	0
University of Oregon	25,018	20,004	618	0	4,063	10	323
University of Portland	19	0	0	19	0	0	0
Western Oregon State Col	866	140	0	38	688	0	0
Western St Chiroprac Col	320	320	0	0	0	0	0
Pennsylvania, total	792,122	724,644	8,686	1,430	29,191	4,391	23,780
Allegheny College	324	324	0	0	0	0	0
Beaver College PA	100	100	0	0	0	0	0
Bloomsburg U of PA	66	58	0	0	8	0	0
Bryn Mawr College	675	653	0	15	7	0	0
Bucknell University	547	432	0	108	0	0	7

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, continued:							
Cabrini College	24	24	0	0	0	0	0
California U of PA	434	434	0	0	0	0	0
Carnegie Mellon U	70,030	66,468	680	157	1,732	106	887
Cedar Crest College	24	0	0	24	0	0	0
Chestnut Hill College	20	20	0	0	0	0	0
Clarion U of PA	17	17	0	0	0	0	0
College Misericordia	19	0	0	0	19	0	0
Delaware County Cmty Col	24	24	0	0	0	0	0
Delaware Valley College	19	0	0	0	0	19	0
Dickinson College	627	221	182	224	0	0	0
Drexel University	10,327	10,003	112	107	0	69	36
Duquesne University	680	645	0	0	35	0	0
East Stroudsburg U of PA	80	0	0	80	0	0	0
Eastern College	25	25	0	0	0	0	0
Franklin & Marshall Col	1,995	355	1,640	0	0	0	0
Gannon University	105	25	0	0	80	0	0
Geneva College	23	23	0	0	0	0	0
Gettysburg College	198	198	0	0	0	0	0
Gwynedd Mercy College	66	24	0	0	42	0	0
Haverford College	828	795	0	0	0	0	33
Indiana U of PA	352	333	0	0	19	0	0
Juniata College	539	539	0	0	0	0	0
Kings College PA	35	0	0	35	0	0	0
Kutztown U of PA	60	60	0	0	0	0	0
La Roche College	24	24	0	0	0	0	0
La Salle University	82	0	0	24	58	0	0
Lafayette College	378	378	0	0	0	0	0
Lebanon Valley College	753	710	0	43	0	0	0
Lehigh Carbon Cmty Col	75	0	0	0	75	0	0
Lehigh University	13,989	12,917	500	0	269	39	264
Lincoln U (Linc U PA)	2,368	453	0	0	349	1,566	0
Lycoming College	31	0	0	31	0	0	0
Medical College PA	17,249	16,203	157	0	876	13	0
Mercyhurst College	22	22	0	0	0	0	0
Millersville U of PA	16	0	0	16	0	0	0
Montgomery Co Cmty Col	142	134	0	8	0	0	0
Mount Aloysius College	24	24	0	0	0	0	0
PA College of Optometry	936	643	0	0	288	5	0
Pace Institute	1,240	1,240	0	0	0	0	0
Pennsylvania Col of Tech	99	38	0	61	0	0	0
Pennsylvania State U	207,423	184,376	1,344	122	4,399	1,013	16,169
Phila Col of Pharm & Sci	482	437	0	45	0	0	0
Phila Col of Text & Sci	70	70	0	0	0	0	0
Shippensburg U of PA	471	471	0	0	0	0	0
Slippery Rock U of PA	115	18	0	0	97	0	0
St Francis Col (Lrto PA)	1,124	24	0	0	0	0	1,100
St Josephs University	71	71	0	0	0	0	0
St Vincent College & Sem	170	170	0	0	0	0	0
Swarthmore College	834	832	0	0	2	0	0
Temple University	32,457	28,280	1,593	70	1,722	602	190
Thomas Jefferson U	47,199	45,066	0	0	2,120	13	0
University of PA	209,073	190,296	1,762	163	12,632	642	3,578
University of Pittsburgh	159,158	152,901	277	0	4,196	268	1,516
University of Scranton	3,707	3,650	0	21	0	36	0
Ursinus College	33	0	0	33	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Pennsylvania, continued:							
Villanova University	3,112	3,045	0	17	50	0	0
Waynesburg College	25	25	0	0	0	0	0
West Chester U of PA	714	275	439	0	0	0	0
Westmnstr Col (Nw W PA)	46	46	0	0	0	0	0
Widener U All Campuses	112	5	0	0	107	0	0
Wilkes University	35	0	0	26	9	0	0
Rhode Island, total	66,489	56,200	578	0	3,572	1,089	5,050
Brown University	39,692	36,998	249	0	1,924	62	459
Cmty Col Rhode Island	25	0	0	0	0	25	0
Providence College	120	120	0	0	0	0	0
Rhode Island College	285	285	0	0	0	0	0
U Rhode Island	26,367	18,797	329	0	1,648	1,002	4,591
South Carolina, total	97,197	71,678	2,066	555	5,174	2,192	15,532
Benedict College	816	219	0	0	270	327	0
Chestrfield Marlboro Tech	31	0	0	31	0	0	0
Citadel Military Col SC	28	28	0	0	0	0	0
Claflin College	655	111	354	0	0	0	190
Clemson University	28,500	17,718	396	0	1,669	106	8,611
College of Charleston	390	133	0	60	172	0	25
Converse College	20	0	0	20	0	0	0
Erskine College	87	87	0	0	0	0	0
Francis Marion University	78	15	0	63	0	0	0
Furman University	612	396	0	216	0	0	0
Greenville Tech College	11	0	0	11	0	0	0
Medical U of S Carolina	29,826	27,410	1,075	0	1,282	59	0
Morris College	65	0	0	0	0	65	0
Piedmont Tech College	124	124	0	0	0	0	0
South Carolina St U	6,597	3,018	0	0	1,073	948	1,558
Tri County Tech College	50	50	0	0	0	0	0
Trident Technical College	56	0	0	56	0	0	0
U South Carolina	28,604	21,999	241	68	708	630	4,958
Voorhees College	297	50	0	0	0	57	190
Wofford College	30	0	0	30	0	0	0
York Technical College	320	320	0	0	0	0	0
South Dakota, total	17,738	10,554	253	0	791	20	6,120
Augustana Col (Sx Fls SD)	51	51	0	0	0	0	0
Black Hills State U	45	45	0	0	0	0	0
Mount Marty College	15	0	0	0	15	0	0
Oglala Lakota College	148	0	0	0	148	0	0
SD School Mines & Tech	4,476	2,711	0	0	171	0	1,594
Sinte Gleska University	613	505	0	0	108	0	0
South Dakota State U	8,978	4,296	107	0	67	0	4,508
U SD System Office	912	681	0	0	211	20	0
U South Dakota	2,500	2,265	146	0	71	0	18
Tennessee, total	200,248	161,333	3,945	53	14,126	2,849	17,942
Chattanooga St Tech CC	50	50	0	0	0	0	0
Christian Brothers U	51	51	0	0	0	0	0
East Tennessee State U	1,333	653	0	0	551	21	108
Fisk University	2,259	1,761	0	0	0	498	0
Knoxville College	247	247	0	0	0	0	0
Lane College	294	0	0	0	197	97	0
Meharry Medical College	14,923	10,420	1,008	0	2,030	1,465	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Tennessee, continued:							
Memphis State University	4,903	4,552	0	0	319	32	0
Middle Tennessee St U	314	36	278	0	0	0	0
Rhodes College	99	99	0	0	0	0	0
Southern Col 7 Day Advent	4	4	0	0	0	0	0
Southern Col of Optometry	76	76	0	0	0	0	0
Tennessee State U	10,745	7,216	314	0	677	211	2,327
Tennessee Technological U	920	910	0	0	0	0	10
U TN U Wide Admin Ctrl	2,831	2,391	0	0	213	29	198
U Tennessee Chattanooga	332	52	0	37	130	113	0
U Tennessee Knoxville	40,784	24,597	2,163	0	495	258	13,271
U Tennessee Martin	234	218	0	16	0	0	0
U Tennessee Memphis	21,710	20,762	0	0	649	36	263
Vanderbilt University	98,139	87,238	182	0	8,865	89	1,765
Texas, total	725,552	626,350	5,121	1,972	30,977	9,152	51,980
Abilene Christian U	107	107	0	0	0	0	0
Alamo CC District	127	101	0	0	0	26	0
Alvin Community College	248	248	0	0	0	0	0
Amarillo College	630	630	0	0	0	0	0
Austin Cmty Col (Astn TX)	72	72	0	0	0	0	0
Austin College	52	52	0	0	0	0	0
Baylor Col of Dentistry	558	513	0	0	19	26	0
Baylor Col of Medicine	104,211	98,514	0	0	4,593	132	972
Baylor University	1,379	1,356	0	0	23	0	0
Brookhaven College	2,276	0	0	0	0	2,276	0
El Paso Cmty College	2	2	0	0	0	0	0
Houston Community College	625	564	0	61	0	0	0
Incarnate Word College	84	50	0	0	34	0	0
Jarvis Christian College	272	89	0	0	0	183	0
Kilgore College	21	0	0	21	0	0	0
Lamar U Beaumont	3,254	2,822	0	0	432	0	0
Lamar U Orange	900	0	0	900	0	0	0
Le Tourneau University	30	30	0	0	0	0	0
Midwestern State U	100	86	0	14	0	0	0
Our Lady of the Lake U	519	166	0	0	353	0	0
Palo Alto College	4	4	0	0	0	0	0
Prairie View A&M U	9,938	6,207	0	0	222	486	3,023
Rice University	29,996	26,518	551	0	1,097	280	1,550
SW Christian College	124	0	0	0	0	124	0
Sam Houston State U	104	104	0	0	0	0	0
Southern Methodist U	3,167	3,140	0	0	0	10	17
Southwest Texas Jr Col	19	0	0	19	0	0	0
Southwest Texas St U	2,287	972	884	161	270	0	0
Southwestern U TX	13	0	0	13	0	0	0
St Edwards University	84	5	0	79	0	0	0
St Marys U San Antonio	373	52	0	30	252	39	0
Stephen F Austin St U	690	312	0	0	378	0	0
TX A&M U Corpus Christi	103	56	0	0	47	0	0
TX A&M U Kingsville	655	655	0	0	0	0	0
Tarleton State University	377	377	0	0	0	0	0
Texas A&M U Sys Off	2,139	1,490	0	0	649	0	0
Texas A&M University	89,252	59,688	1,194	0	2,643	934	24,793
Texas Christian U	1,605	1,605	0	0	0	0	0
Texas Lutheran College	38	36	0	0	2	0	0
Texas Southern U	4,912	3,973	0	0	140	558	241
Texas Southmost College	183	183	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Texas, continued:							
Texas State Tech Col	654	466	0	188	0	0	0
Texas Tech University	7,031	6,461	0	0	498	72	0
Texas Wesleyan University	121	0	0	0	121	0	0
Texas Womans University	1,287	511	0	0	446	330	0
Trinity University	873	637	0	89	44	103	0
U N TX Hlth Sci Ctr	4,246	4,188	0	0	45	13	0
U North Texas	4,021	2,466	0	100	1,181	0	274
U TX Arlington	12,925	8,886	236	0	843	89	2,872
U TX Austin	124,128	103,155	869	0	3,987	275	15,842
U TX Dallas	4,742	4,703	0	0	0	19	20
U TX El Paso	11,393	9,826	0	48	531	978	10
U TX Hlth Sci Ctr Houstn	46,422	44,846	200	0	1,103	68	205
U TX Hlth Sci Ctr S Anto	52,408	48,910	0	0	3,438	60	0
U TX MD Anderson Cancer	49,500	48,434	0	0	1,053	13	0
U TX Med Brnch Galveston	33,821	31,445	0	0	2,053	316	7
U TX Pan American	1,500	585	0	209	230	476	0
U TX Permian Basin	62	62	0	0	0	0	0
U TX SW Med Ctr Dallas	77,368	72,361	802	0	3,060	21	1,124
U TX San Antonio	3,220	1,463	0	0	260	1,122	375
U TX System Off	1,898	1,737	0	0	27	46	88
U of Houston	20,168	18,485	385	0	844	77	377
U of Houston Clear Lake	3,220	3,166	0	29	25	0	0
U of Houston Downtown Col	662	662	0	0	0	0	0
U of Houston Sys Admin	1,296	1,296	0	0	0	0	0
U of St Thomas (Hstn TX)	11	0	0	11	0	0	0
University of Dallas	747	747	0	0	0	0	0
West Texas A&M U	34	0	0	0	34	0	0
Wiley College	263	73	0	0	0	0	190
Utah, total	152,271	130,214	12,662	82	4,835	250	4,228
Brigham Young University	6,114	5,457	549	0	50	58	0
College of Eastern Utah	106	0	0	0	0	106	0
Southern Utah University	1,476	1,476	0	0	0	0	0
University of Utah	98,827	84,896	10,969	51	2,720	31	160
Utah Higher Ed Sys Off	28	0	0	0	0	28	0
Utah State University	45,689	38,385	1,144	0	2,065	27	4,068
Weber State University	31	0	0	31	0	0	0
Vermont, total	41,086	35,101	575	73	1,930	184	3,223
Lyndon State College	10	10	0	0	0	0	0
Middlebury College	836	142	447	0	0	0	247
Norwich University	18	18	0	0	0	0	0
St Michaels College	84	42	0	42	0	0	0
University of Vermont	40,007	34,889	128	0	1,830	184	2,976
Vermont Technical College	131	0	0	31	100	0	0
Virginia, total	238,784	201,774	3,431	573	15,187	1,785	16,034
College of William & Mary	8,597	7,652	117	8	440	100	280
Dabney Lancaster Cmty Col	10	10	0	0	0	0	0
Eastern Mennonite U	21	21	0	0	0	0	0
Eastern VA Medical Schl	10,750	10,684	0	0	45	21	0
Ferrum College	68	58	0	10	0	0	0
George Mason University	8,548	7,116	0	0	120	282	1,030
Hampden Sydney College	120	62	0	58	0	0	0
Hampton University	11,975	8,857	100	0	2,782	0	236
Hollins College	26	0	0	26	0	0	0
J Sgt Reynolds Cmty Col	30	0	0	0	30	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Virginia, continued:							
James Madison University	756	388	0	47	246	75	0
Longwood College	29	29	0	0	0	0	0
Lynchburg College	196	0	196	0	0	0	0
Mary Baldwin College	75	25	0	50	0	0	0
Mary Washington College	25	25	0	0	0	0	0
Marymount University	18	18	0	0	0	0	0
Mountain Empire Cmty Col	42	42	0	0	0	0	0
Norfolk State University	1,015	480	0	0	72	257	206
Northern VA Community Col	100	0	0	0	100	0	0
Old Dominion University	8,383	6,971	118	56	1,166	0	72
Radford University	133	94	0	23	16	0	0
Randolph Macon College	131	0	0	131	0	0	0
Randolph Macon Womans Col	28	0	0	20	8	0	0
Shenandoah University	71	0	0	0	71	0	0
St Pauls College VA	193	0	0	0	0	193	0
Sweet Briar College	82	56	0	26	0	0	0
Tidewater Community Col	27	0	0	8	0	19	0
University of Richmond	205	192	0	13	0	0	0
University of Virginia	84,471	76,395	1,475	0	4,581	184	1,836
VA Polytech Inst & St U	51,296	38,360	1,425	0	927	161	10,423
Virginia Commonwealth U	45,647	41,572	0	0	3,943	132	0
Virginia Military Inst	75	75	0	0	0	0	0
Virginia State University	4,793	2,269	0	0	356	217	1,951
Virginia Union University	397	0	0	0	284	113	0
Washington & Lee U	156	125	0	0	0	31	0
Wytheville Community Col	295	198	0	97	0	0	0
Washington, total	366,473	317,990	6,678	591	20,428	5,038	15,748
Central Washington U	219	203	0	0	0	16	0
Columbia Basin College	1	1	0	0	0	0	0
Eastern Washington U	1,913	1,788	0	0	125	0	0
Edmonds Community College	2,554	2,554	0	0	0	0	0
Evergreen State College	508	375	0	78	5	0	50
Gonzaga University	522	216	139	50	80	0	37
Heritage College	277	22	0	66	0	189	0
J Bastyr Naturopathic Med	840	840	0	0	0	0	0
Lower Columbia College	1,015	1,015	0	0	0	0	0
Northwest Indian College	59	59	0	0	0	0	0
Olympic College	1	1	0	0	0	0	0
Pacific Lutheran U	165	28	94	0	24	19	0
Pierce College	28	28	0	0	0	0	0
Seattle Community College	192	192	0	0	0	0	0
Seattle Pacific U	19	0	0	0	19	0	0
Seattle University	257	89	0	38	63	9	58
Skagit Valley College	1,626	1,626	0	0	0	0	0
Spokane Community College	75	75	0	0	0	0	0
St Martins College	12	12	0	0	0	0	0
Tacoma Community College	21	21	0	0	0	0	0
University of Washington	309,554	275,905	1,790	175	17,550	4,754	9,380
Washington State U	43,843	30,619	4,655	62	2,330	51	6,126
Western Washington U	2,676	2,276	0	113	232	0	55
Whatcom Community College	9	0	0	9	0	0	0
Whitman College	87	45	0	0	0	0	42

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
West Virginia, total	54,660	25,239	10,056	0	3,246	270	15,849
Bethany Col (Bethany, WV)	14	14	0	0	0	0	0
Col of West Virginia	594	594	0	0	0	0	0
Concord College	292	292	0	0	0	0	0
Fairmont State College	190	190	0	0	0	0	0
Marshall University	2,040	1,890	0	0	126	24	0
WV University (Morgantwn)	31,131	22,166	282	0	3,120	246	5,317
West Virginia Wesleyn Col	33	33	0	0	0	0	0
Wheeling Jesuit College	20,366	60	9,774	0	0	0	10,532
Wisconsin, total	313,925	271,885	6,246	527	14,757	1,610	18,900
Alverno College	31	0	0	31	0	0	0
Beloit College	668	668	0	0	0	0	0
Carroll Col (Waukesha WI)	90	90	0	0	0	0	0
Carthage College	29	0	0	29	0	0	0
Fox Valley Technical Col	75	0	0	75	0	0	0
Lac Courte Ojibwa CC	90	0	0	0	0	90	0
Lawrence University	123	84	0	39	0	0	0
Madison Area Tech College	450	400	0	50	0	0	0
Marquette University	3,222	2,851	100	0	66	0	205
Medical College WI	46,591	43,635	0	0	2,780	26	150
Milwaukee School of Eng	37	1	0	36	0	0	0
Northland College	17	0	0	17	0	0	0
Ripon College	49	49	0	0	0	0	0
St Norbert College	318	64	254	0	0	0	0
U WI Center System	84	72	0	0	0	0	12
U WI Eau Claire	885	613	0	23	249	0	0
U WI Green Bay	327	122	0	0	0	0	205
U WI La Crosse	362	26	0	0	183	0	153
U WI Madison	238,353	207,625	3,786	52	9,197	98	17,595
U WI Milwaukee	6,852	5,645	187	0	779	226	15
U WI Oshkosh	2,671	2,570	0	42	59	0	0
U WI Parkside	255	255	0	0	0	0	0
U WI River Falls	1,010	938	0	0	72	0	0
U WI Stevens Point	2,487	508	1,919	60	0	0	0
U WI Stout	1,503	675	0	0	263	0	565
U WI Superior	1,030	1,030	0	0	0	0	0
U WI System Office	5,968	3,796	0	0	1,002	1,170	0
U WI Whitewater	348	168	0	73	107	0	0
Wyoming, total	18,649	12,995	1,331	19	254	335	3,715
Northwest Col (Powl WY)	57	57	0	0	0	0	0
University of Wyoming	18,445	12,791	1,331	19	254	335	3,715
Western Wyoming Cmty Col	147	147	0	0	0	0	0
Guam, total	3,427	1,722	0	0	0	485	1,220
University of Guam	3,427	1,722	0	0	0	485	1,220
Puerto Rico, total	54,801	30,187	25	171	2,603	8,575	13,240
American U Puerto Rico	1,827	290	0	0	33	1,504	0
Caribbean University	137	0	0	0	0	137	0
Catholic U of PR	550	0	0	0	245	305	0
Huertas Junior College	50	50	0	0	0	0	0
Inter Am U PR Ctrl Off	1,676	607	0	139	306	434	190
Inter Am U PR Metropol	108	0	0	0	86	22	0
Inter Am U PR San German	24	0	0	0	24	0	0
Ponce School of Medicine	3,316	2,272	0	0	21	1,023	0
U Central Del Caribe	2,242	1,712	0	0	0	530	0

See explanatory information, if any, and SOURCE at end of table.

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1994

[Thousands of dollars]

State and institution	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Puerto Rico, continued:							
U PR Carolina Reg Col	71	0	0	0	0	71	0
U PR Cayey U Col	355	68	0	0	0	287	0
U PR Humacao U Col	852	254	0	0	148	450	0
U PR Mayaguez	17,081	7,351	25	32	626	511	8,536
U PR Medical Sci	13,443	11,807	0	0	393	1,243	0
U PR Rio Piedras	6,116	3,750	0	0	587	1,779	0
U PR System Off	6,458	1,810	0	0	134	0	4,514
U of the Sacred Heart	48	48	0	0	0	0	0
Universidad Del Turabo	61	0	0	0	0	61	0
Universidad Metropolitana	293	168	0	0	0	125	0
Universidad Politec PR	93	0	0	0	0	93	0
American Samoa, total	1,299	668	0	0	0	6	625
American Samoa Cmty Col	1,299	668	0	0	0	6	625
Virgin Islands, total	2,824	1,368	0	0	152	318	986
U of the Virgin Islands	2,824	1,368	0	0	152	318	986
Trust Territory of the Pacific Islands, total	2,323	983	0	0	0	30	1,310
Col of Micronesia FSM	1,010	294	0	0	0	30	686
Northern Marianas College	1,313	689	0	0	0	0	624

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	13,739,271	939,076	162,989	1,888,990	155,571	616,112	144,642	6,890,100	740,128	2,042,119	159,544
Alabama, total	213,348	25,501	649	18,424	4,055	3,844	1,906	115,038	25,729	16,170	2,032
Alabama A & M University	9,976	4,433	0	1,873	497	0	0	314	1,157	1,671	31
Alabama Southern Cmty Col	19	0	0	0	0	19	0	0	0	0	0
Alabama State University	695	0	0	0	0	0	0	639	0	56	0
Auburn University	32,523	16,297	108	3,273	855	648	466	1,634	2,993	4,882	1,367
Birmingham Southern Col	112	0	0	0	0	0	0	0	0	112	0
Chauncey Sparks St Tech	265	0	265	0	0	0	0	0	0	0	0
Faulkner University	169	0	0	0	169	0	0	0	0	0	0
Huntingdon College	9	0	0	0	0	0	0	0	0	9	0
Jacksonville State U	1,331	0	0	1,299	0	0	0	32	0	0	0
Oakwood College	449	0	0	0	101	0	0	184	164	0	0
Selma University	732	0	0	0	162	0	0	264	205	0	101
Spring Hill College	25	0	0	0	6	0	0	0	0	19	0
Stillman College	374	0	0	0	25	0	0	319	0	30	0
Talladega College	1,013	0	0	0	16	0	0	858	0	139	0
Trenholm St Tech Col	202	0	0	0	24	0	0	0	178	0	0
Troy St U Central Off	71	0	0	0	71	0	0	0	0	0	0
Troy St U Main	146	0	0	100	0	0	0	21	0	25	0
Tuskegee University	10,742	4,377	0	858	0	88	0	2,555	2,058	806	0
U Alabama Birmingham	112,346	83	0	2,988	1,318	1,963	454	96,154	4,895	4,491	0
U Alabama Huntsville	23,614	25	0	7,205	0	337	986	519	13,237	1,305	0
U Alabama Sys Off	477	0	0	362	0	0	0	75	0	0	40
U South Alabama	9,655	286	276	218	0	44	0	8,285	48	498	0
University of Alabama	8,403	0	0	248	811	745	0	3,185	794	2,127	493
Alaska, total	40,289	3,681	3,557	1,576	325	473	128	2,107	13,413	11,937	3,092
U Alaska Anchorage	2,446	64	0	0	120	0	0	1,652	319	0	291
U Alaska Fairbanks	36,094	3,617	3,420	90	205	377	128	455	13,094	11,907	2,801
U Alaska Southeast	167	0	137	0	0	0	0	0	0	30	0
U Alaska System Higher Ed	1,582	0	0	1,486	0	96	0	0	0	0	0
Arizona, total	197,655	10,718	590	20,673	3,941	5,217	2,834	65,643	50,911	33,979	3,149
Arizona State U Main	31,119	495	110	6,125	551	1,457	523	7,019	2,248	12,429	162
Arizona Western College	5	0	0	0	0	0	0	0	0	0	5
Gateway Cmty College	39	0	0	0	0	0	0	0	0	39	0
Maricopa CC Sys Off	2,038	0	0	0	0	0	0	0	0	2,038	0
Mesa Community College	82	0	0	0	0	0	0	0	0	82	0
Navajo Community College	461	0	0	0	104	0	0	130	77	150	0
Northern Arizona U	5,902	292	40	0	966	194	585	1,265	359	1,418	783
Prescott College	20	0	0	0	0	0	0	0	0	0	20
South Mountain Cmty Col	134	0	0	134	0	0	0	0	0	0	0
University of Arizona	157,855	9,931	440	14,414	2,320	3,566	1,726	57,229	48,227	17,823	2,179
Arkansas, total	57,856	22,897	0	5,653	3,641	299	298	17,669	976	5,167	1,256
Arkansas State University	229	0	0	0	118	0	0	10	57	44	0
Arkansas Tech University	65	65	0	0	0	0	0	0	0	0	0
Hendrix College	188	0	0	0	0	0	0	104	0	84	0
Lyon College	285	0	0	0	190	0	0	0	0	95	0
Philander Smith College	230	0	0	0	0	0	0	220	0	0	10
Southern Arkansas U	4	0	0	0	0	0	0	4	0	0	0
U Arkansas Little Rock	12,488	8,261	0	576	964	73	0	1,400	780	426	8
U Arkansas Main	23,831	10,112	0	4,779	2,113	207	35	886	139	4,359	1,201

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Arkansas, continued:											
U Arkansas Pine Bluff	4,322	3,612	0	0	54	19	0	607	0	0	30
U Arkansas Sys Off	548	250	0	298	0	0	0	0	0	0	0
U Arkansas for Med Sci	15,411	597	0	0	0	0	263	14,407	0	137	7
U Central Arkansas	233	0	0	0	202	0	0	31	0	0	0
University of the Ozarks	22	0	0	0	0	0	0	0	0	22	0
California, total	1,812,229	37,292	19,407	201,902	14,563	83,569	9,909	972,195	159,168	299,707	14,517
Azusa Pacific University	93	0	0	0	0	0	0	93	0	0	0
Butte College	50	0	0	0	0	0	0	0	0	50	0
CA Cmty Col System	3,000	0	3,000	0	0	0	0	0	0	0	0
CA Inst Integral Studies	370	0	0	0	0	370	0	0	0	0	0
CA Schl Prof Psych Bk/Alm	10	0	0	0	0	0	0	10	0	0	0
CA St Poly U Pomona	940	52	0	0	90	0	0	0	0	798	0
CA St U Bakersfield	23	0	0	0	0	0	0	23	0	0	0
CA St U Chico	1,192	50	0	0	457	0	0	0	300	385	0
CA St U Dominguez Hills	1,315	0	0	0	271	0	0	420	0	624	0
CA St U Fresno	1,131	30	0	0	503	0	0	174	62	362	0
CA St U Fullerton	1,957	0	0	0	277	61	0	396	0	1,223	0
CA St U Hayward	1,173	13	0	0	95	0	85	435	0	545	0
CA St U Long Beach	4,665	0	0	233	486	0	0	2,824	50	1,035	37
CA St U Los Angeles	6,592	0	0	43	377	51	0	2,970	619	2,532	0
CA St U Northridge	3,111	0	0	117	936	78	0	866	114	1,000	0
CA St U Sacramento	221	0	0	0	24	0	0	31	12	154	0
CA St U San Bernardino	801	0	0	0	216	0	0	67	0	518	0
CA St U San Marcos	88	50	0	38	0	0	0	0	0	0	0
CA St U Stanislaus	80	0	0	0	0	0	0	80	0	0	0
CA State Poly U San Luis	1,444	54	0	624	0	0	141	0	399	226	0
CA State U System Office	690	2	0	0	208	178	0	0	0	0	502
Cabrillo College	36	0	0	0	0	0	0	0	0	36	0
California Inst of Tech	109,057	0	0	16,966	0	8,983	130	22,930	28,567	30,246	1,235
California Lutheran U	205	0	0	0	205	0	0	0	0	0	0
Cerritos College	96	0	0	0	96	0	0	0	0	0	0
Charles Drew U Med & Sci	6,255	0	0	0	205	0	0	6,050	0	0	0
Claremont McKenna College	22	0	0	0	0	0	0	0	22	0	0
Col Osteo Med of Pacific	65	0	0	0	0	0	0	65	0	0	0
College of the Desert	106	0	0	106	0	0	0	0	0	0	0
College of the Sequoias	14	0	0	0	0	0	0	0	0	14	0
Columbia Col Sonora	119	0	0	119	0	0	0	0	0	0	0
Cypress College	42	0	0	0	0	0	0	0	42	0	0
D-Q University	110	0	0	0	0	0	0	0	110	0	0
Deep Springs College	18	0	0	0	0	0	0	0	0	18	0
Diablo Valley College	21	0	0	0	0	0	0	0	0	21	0
East Los Angeles College	399	0	0	0	0	0	0	392	0	7	0
El Camino College	1,950	0	1,950	0	0	0	0	0	0	0	0
Fielding Institute	27	0	0	0	0	0	0	0	0	27	0
Foothill College	95	0	0	0	0	0	0	0	0	95	0
Foothill Deanza CC SO	1,622	0	0	0	0	0	0	0	1,622	0	0
Harvey Mudd College	929	0	0	0	271	0	0	0	66	592	0
Humboldt State University	2,022	539	0	0	205	0	0	92	0	791	395
L A Col of Chiropractic	170	0	0	0	0	0	0	170	0	0	0
La Sierra University	195	0	0	0	0	0	0	0	0	195	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other
California, continued:											
Loma Linda University	3,240	0	0	0	34	0	777	2,414	0	0	15
Los Angeles Pierce Col	49	0	0	0	0	0	0	0	0	49	0
Los Angeles Southwest Col	75	0	0	0	75	0	0	0	0	0	0
Loyola Marymount U	199	0	0	0	104	0	0	0	95	0	0
Mendocino College	19	0	0	0	0	0	0	0	0	19	0
Mills College	220	0	0	30	0	0	0	0	0	190	0
Mira Costa College	48	0	0	0	0	0	0	0	0	48	0
Monterey Peninsula Col	254	0	0	0	254	0	0	0	0	0	0
Mt St Marys Col (LA, CA)	237	0	0	0	0	0	0	237	0	0	0
Natl Hispanc U (Oklnd CA)	99	0	0	0	0	0	0	0	99	0	0
Occidental College	716	0	0	0	0	0	0	78	0	638	0
Pasadena City College	99	0	0	0	0	0	0	0	0	99	0
Pepperdine University	55	0	0	0	0	0	0	0	0	55	0
Peralta Cmty Col Sys Off	329	0	0	0	0	0	0	0	0	329	0
Pitzer College	200	0	0	0	0	0	0	200	0	0	0
Point Loma Nazarene Col	24	0	0	0	0	0	0	0	0	24	0
Pomona College	242	5	0	0	0	0	0	97	0	140	0
Riverside Cmty College	28	0	0	0	0	0	0	0	0	28	0
Saddleback College	75	0	0	0	0	0	0	75	0	0	0
Sam Merritt College	201	0	0	0	0	0	0	201	0	0	0
San Diego CC Dist Off	182	0	0	182	0	0	0	0	0	0	0
San Diego State U	15,097	0	0	2,179	3,029	60	0	6,617	488	2,676	48
San Francisco CC District	34	0	0	0	0	0	0	0	0	34	0
San Francisco State U	7,217	51	25	210	1,849	29	0	1,112	332	3,522	87
San Joaquin Delta College	22	0	0	0	0	0	0	0	0	22	0
San Jose State University	14,792	0	0	1,872	1,275	200	0	1,434	5,578	4,209	224
Santa Clara University	618	0	0	37	108	0	0	0	223	250	0
Santa Monica College	1	0	0	0	0	0	0	0	0	0	1
Scripps College	15	0	0	0	0	0	0	0	0	15	0
Sierra College	441	0	0	0	0	0	0	0	441	0	0
Sonoma State University	523	0	0	0	426	0	0	71	0	26	0
St Mary's College of CA	22	0	0	0	0	0	0	0	0	22	0
Stanford University	282,549	0	176	38,029	0	6,744	3,058	138,833	56,368	38,362	979
U CA Berkeley	180,754	23,682	100	10,682	254	4,845	319	66,879	24,811	47,284	1,898
U CA Davis	104,100	8,537	0	4,555	648	14,399	2,126	53,937	2,131	16,863	904
U CA Irvine	69,520	410	0	6,806	0	4,134	45	43,480	2,280	12,328	37
U CA Los Angeles	236,522	232	112	23,083	0	19,983	1,146	163,167	8,497	19,855	447
U CA Office of Pres	15,614	39	13,127	0	0	407	0	35	0	2,000	6
U CA Riverside	21,097	2,800	0	627	0	1,800	359	7,412	1,775	6,280	44
U CA San Diego	233,129	314	54	26,776	0	10,389	461	130,825	13,730	46,180	4,400
U CA San Francisco	217,505	225	0	2,732	690	3,214	0	205,941	1,388	3,315	0
U CA Santa Barbara	64,875	64	223	22,444	97	3,619	790	6,027	3,778	26,468	1,365
U CA Santa Cruz	19,593	143	0	3,171	0	1,875	230	5,393	873	7,785	123
U San Francisco	1,082	0	0	60	271	0	0	32	285	434	0
U Southern California	166,206	0	640	40,181	501	2,150	242	98,553	4,011	18,231	1,697
University of San Diego	424	0	0	0	0	0	0	380	0	44	0
University of the Pacific	610	0	0	0	26	0	0	568	0	16	0
Ventura Co Cmty Col SO	9	0	0	0	0	0	0	0	0	9	0
West Hills Cmty College	73	0	0	0	0	0	0	0	0	0	73
West Valley College	300	0	0	0	0	0	0	0	0	300	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued:											
Westmont College	109	0	0	0	0	0	0	109	0	0	0
Whittier College	64	0	0	0	0	0	0	0	0	64	0
Colorado, total	283,096	13,615	23,188	21,843	4,308	8,906	2,351	131,643	22,047	51,114	4,081
Adams State College	12	0	0	0	0	0	0	0	0	12	0
Cmty Col Denver Aurara	67	0	0	0	0	0	0	67	0	0	0
Colorado College	623	0	0	50	0	0	0	0	0	573	0
Colorado School of Mines	5,180	49	93	932	0	691	668	342	430	1,686	289
Colorado State University	66,980	12,989	4,192	8,755	317	2,291	656	22,940	2,550	9,575	2,715
Fort Lewis College	1,884	40	0	0	0	0	0	113	0	1,610	121
Front Range Cmty Col	108	0	0	0	108	0	0	0	0	0	0
Mesa State College	400	0	0	0	0	0	0	0	0	400	0
Natl Technological U	1,297	0	1,242	0	0	0	0	0	0	55	0
Otero Junior College	3,322	0	0	0	0	0	0	3,322	0	0	0
Regis University CO	52	0	0	0	0	0	0	52	0	0	0
Trinidad State Junior Col	245	0	0	0	245	0	0	0	0	0	0
U Northern Colorado	4,222	0	0	0	1,354	0	0	142	1	2,716	9
U Southern Colorado	1,498	0	0	0	0	0	0	1,013	485	0	0
University of Colorado	190,377	537	17,661	10,475	2,284	5,924	895	101,572	17,270	32,812	947
University of Denver	6,829	0	0	1,631	0	0	132	2,080	1,311	1,675	0
Connecticut, total	258,814	6,454	3,961	11,490	1,090	11,898	584	200,346	1,651	21,037	303
Central Connecticut St U	130	0	0	0	0	0	0	105	0	25	0
Connecticut College	200	15	0	0	0	0	0	0	0	185	0
Fairfield University	286	0	0	0	96	51	0	109	0	30	0
Quinnipiac College	14	0	0	0	0	0	0	14	0	0	0
Sacred Heart University	338	0	0	0	0	19	0	9	0	310	0
Southern Connecticut St U	184	0	0	0	125	0	0	59	0	0	0
St Joseph Col	39	0	0	0	0	0	0	22	0	17	0
Trinity Col (Hartford CT)	139	0	0	0	0	0	0	0	0	139	0
University of Bridgeport	77	0	0	0	0	0	0	0	0	77	0
University of Connecticut	52,171	5,713	3,861	3,992	652	753	165	31,090	584	5,063	298
University of Hartford	750	0	0	0	217	0	0	91	191	251	0
University of New Haven	214	0	0	0	0	19	0	0	0	190	5
Wesleyan University	3,491	0	50	75	0	114	108	1,735	0	1,409	0
Yale University	200,781	726	50	7,423	0	10,942	311	167,112	876	13,341	0
Delaware, total	35,277	5,553	2,969	6,924	2,178	937	1,086	4,945	987	9,503	195
Delaware State University	2,622	1,631	0	61	24	0	0	690	19	197	0
Delaware Tech & Cmty Col	246	0	0	0	246	0	0	0	0	0	0
University of Delaware	32,400	3,922	2,969	6,863	1,908	937	1,086	4,246	968	9,306	195
Wilmington College DE	9	0	0	0	0	0	0	9	0	0	0
District of Columbia, total	124,264	1,700	614	23,710	3,796	2,756	463	71,893	7,618	8,973	2,741
American University	1,493	0	23	528	0	0	120	31	90	701	0
Catholic U of America	3,410	0	271	492	0	123	0	745	781	889	109
Gallaudet University	1,753	0	0	0	605	0	0	759	79	310	0
George Washington U	25,398	35	200	1,891	1,421	546	65	16,042	3,038	1,187	973
Georgetown University	62,519	100	39	16,744	376	0	141	43,436	0	483	1,200
Howard University	25,105	154	81	3,540	1,243	2,087	137	9,539	2,780	5,236	308
Trinity Col (Wash, DC)	5	0	0	0	0	0	0	0	0	5	0
University of DC	4,581	1,411	0	515	151	0	0	1,341	850	162	151

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Florida, total	305,444	22,098	8,957	42,468	4,420	17,072	2,254	127,735	20,683	56,194	3,563
Barry University	1,090	0	0	0	0	0	0	1,055	0	35	0
Bethune Cookman College	517	0	0	0	0	0	0	429	88	0	0
Brevard Community College	50	0	0	0	0	0	0	0	0	50	0
Central Florida Cmty Col	200	0	0	0	0	200	0	0	0	0	0
Eckerd College	101	0	0	0	0	0	0	0	5	96	0
Edward Waters College	300	0	0	0	0	0	0	0	300	0	0
Embry Riddle Aeronautcl U	950	0	0	50	205	0	0	0	149	447	99
FL Cmty Col Jacksonville	25	0	0	0	0	0	0	0	0	25	0
Florida A&M University	17,587	2,947	0	1,441	355	4,055	0	2,965	3,924	1,831	69
Florida Atlantic U	5,144	0	0	1,791	202	0	0	1,148	1,147	856	0
Florida Inst of Tech	2,699	0	0	239	0	0	177	1,309	105	869	0
Florida International U	6,526	0	4	880	253	0	82	1,444	984	2,794	85
Florida State University	38,790	0	926	1,467	760	9,494	139	4,214	1,884	19,906	0
Indian River Cmty College	148	0	0	0	0	0	0	0	0	148	0
Jacksonville University	62	0	0	0	0	0	0	0	0	62	0
Miami Dade Cmty College	1,179	0	1,050	0	0	0	0	99	0	30	0
Nova Southeastern U	693	0	54	139	0	0	0	125	0	375	0
Rollins College	42	0	0	0	0	42	0	0	0	0	0
Santa Fe Cmty Col FL	54	0	0	0	0	0	0	0	0	54	0
St Petersburg Junior Col	18	0	0	0	0	0	0	0	0	18	0
State U System FL Sys Off	2,120	0	1,952	100	0	0	0	0	0	0	68
U Central Florida	12,299	46	0	8,341	69	0	165	372	1,554	1,752	0
U South Florida	28,335	110	285	10,888	980	306	130	7,362	2,475	3,406	2,393
U West Florida	3,355	0	1,436	611	0	0	699	251	15	343	0
University of Florida	93,659	18,865	411	8,598	1,002	1,879	369	44,506	4,408	12,772	849
University of Miami	88,931	130	2,839	7,923	594	1,096	493	62,187	3,645	10,024	0
University of N Florida	447	0	0	0	0	0	0	169	0	278	0
University of Tampa	23	0	0	0	0	0	0	0	0	23	0
Valencia Community Col	100	0	0	0	0	0	0	100	0	0	0
Georgia, total	316,744	28,071	8,194	72,783	3,211	19,909	10,593	128,800	12,089	31,125	1,969
Agnes Scott College	31	23	0	0	0	0	0	0	0	8	0
Albany State College	627	0	0	0	155	0	0	472	0	0	0
Armstrong State College	33	0	0	0	0	0	0	0	0	33	0
Atlanta Metropolitan Col	46	0	0	0	0	0	0	0	0	46	0
Brewton Parker College	190	0	0	0	190	0	0	0	0	0	0
Clark Atlanta University	25,753	168	0	5,614	616	5,913	5,751	3,632	2,002	1,957	100
Clayton State College	27	0	0	0	0	0	0	0	0	27	0
Columbus College	23	0	0	0	0	0	0	0	0	23	0
Covenant College	17	0	0	0	0	0	0	0	0	17	0
DeKalb College	19	0	0	0	0	0	0	0	0	19	0
Emory University	78,294	0	0	627	125	398	0	74,462	63	2,619	0
Fort Valley State College	4,640	4,096	0	0	137	242	0	0	0	125	40
Georgia Institute of Tech	89,839	0	7,022	56,867	12	994	3,756	2,395	5,208	12,410	1,175
Georgia Southern U	506	0	0	0	0	0	0	344	20	142	0
Georgia State University	6,596	0	0	28	107	148	0	4,896	313	1,104	0
Kennesaw State College	371	0	0	0	0	0	25	109	0	237	0
La Grange College	34	0	0	0	0	0	0	0	0	34	0
Medical College GA	12,168	0	0	0	0	0	0	12,168	0	0	0
Mercer University	8,796	0	0	7,277	0	0	0	1,367	0	152	0
Morehouse College	4,047	0	0	200	221	6	109	977	2,337	197	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Georgia, continued:											
Morehouse School of Med	11,662	0	0	0	0	0	0	11,433	225	4	0
Morris Brown College	1,278	0	0	905	43	0	0	254	0	76	0
Oglethorpe University	21	0	0	0	0	0	0	0	0	21	0
Paine College	155	0	0	0	0	155	0	0	0	0	0
Savannah State College	212	0	0	0	0	0	0	178	0	34	0
Spelman College	2,401	0	0	0	0	0	0	631	1,388	382	0
U System of Georgia	1,719	0	1,172	0	0	0	0	0	0	0	547
University of Georgia	66,858	23,784	0	1,265	1,544	12,034	952	15,357	533	11,282	107
Valdosta State University	107	0	0	0	61	19	0	27	0	0	0
Wesleyan College	40	0	0	0	0	0	0	0	0	40	0
West Georgia College	234	0	0	0	0	0	0	98	0	136	0
Hawaii, total	73,607	12,716	8,459	3,719	1,110	3,167	0	19,473	8,582	15,016	1,365
Chaminade U of Honolulu	303	0	0	0	0	0	0	303	0	0	0
U Hawaii Hilo	2,007	1,410	0	0	0	522	0	75	0	0	0
U Hawaii Manoa	58,741	11,306	[illegible]	3,548	905	241	0	18,006	8,582	15,016	1,097
U Hawaii System Off	12,556	0	8,419	171	205	2,404	0	1,089	0	0	268
Idaho, total	26,502	9,104	47	749	806	468	789	2,488	389	6,481	5,181
Boise State University	1,286	0	47	567	0	0	0	0	0	671	1
Idaho State University	2,115	28	0	0	425	179	0	122	25	1,336	0
Lewis Clark State College	19	0	0	0	0	19	0	0	0	0	0
North Idaho College	1,379	0	0	0	0	0	0	1,354	0	25	0
University of Idaho	21,703	9,076	0	182	381	270	789	1,012	364	4,449	5,180
Illinois, total	505,034	24,693	1,338	49,140	8,597	22,421	950	248,338	10,928	133,718	4,911
Augustana Col (Rk Isl IL)	53	0	0	0	0	0	0	0	0	53	0
Aurora College	8	0	0	0	0	0	0	8	0	0	0
Bradley University	669	0	0	0	0	0	0	34	0	635	0
Chicago State University	1,275	0	0	0	62	0	0	999	0	214	0
City Colleges of Chicago	1,431	0	0	0	0	1,431	0	0	0	0	0
Columbia College IL	56	0	0	0	0	0	0	0	0	56	0
De Paul University	733	0	0	12	122	0	0	148	0	451	0
East West University	190	0	0	0	190	0	0	0	0	0	0
Eastern Illinois U	319	0	0	0	180	0	0	99	0	40	0
Finch U Hlth Sci	4,917	0	0	0	0	0	0	4,899	0	18	0
Governors State U	36	0	0	0	0	0	0	36	0	0	0
Heartland Cmty College	27	0	0	0	0	0	0	0	0	27	0
IL E CC Olney Central Col	9	0	0	0	0	0	0	0	0	9	0
Illinois Inst of Tech	16,035	0	0	11,285	547	461	102	2,671	171	798	0
Illinois State University	2,102	72	0	117	273	0	0	560	0	1,080	0
John Marshall Law School	28	0	0	0	0	0	0	0	0	28	0
Joliet Jr College	220	0	0	0	0	0	0	0	0	220	0
Knox College	215	0	0	0	0	0	0	147	0	68	0
Lake Forest College	254	0	0	0	0	0	0	0	0	254	0
Lewis University	20	0	0	0	0	0	0	20	0	0	0
Loyola U Chicago	10,800	0	0	267	0	19	80	9,590	0	844	0
Midwestern University	1,246	0	0	0	0	0	0	1,246	0	0	0
Natl Col of Chiropractic	134	0	0	0	0	0	0	134	0	0	0
North Central College	43	0	0	0	0	0	0	0	0	43	0
Northeastern Illinois U	221	0	0	0	204	0	0	0	0	17	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Illinois, continued:											
Northern Illinois U	5,457	0	0	228	992	252	0	1,184	0	2,801	0
Northwestern University	106,116	1,150	50	10,226	1,598	4,120	100	60,801	2,015	21,750	4,306
Parkland College	22	0	0	0	0	0	0	0	0	22	0
Rockford College	31	0	0	0	0	18	0	0	0	13	0
Roosevelt University	25	0	0	0	0	0	0	0	0	25	0
Rush University	1,013	0	0	0	0	0	0	1,013	0	0	0
Sangamon State University	68	0	0	0	0	0	0	0	0	68	0
Southern IL U Carbondale	10,076	951	0	52	1,123	284	30	5,916	145	1,521	54
Southern IL U Edwardsville	1,007	0	0	0	0	0	0	160	107	740	0
Southern IL University	5,643	37	0	0	0	0	0	5,602	0	0	4
St Francis Med Ctr Col	748	0	0	0	0	0	0	748	0	0	0
St Xavier University	120	0	0	0	0	0	0	45	0	75	0
U IL Central Office	7,321	115	733	6,424	0	29	0	0	0	0	20
U IL Chicago	64,197	220	207	3,455	950	678	398	49,912	240	8,137	0
U IL at Urbana-Champaign	146,581	21,819	0	13,795	1,944	11,162	160	25,220	3,614	68,340	527
University of Chicago	114,674	265	348	3,207	187	3,967	0	77,049	4,636	25,015	0
Western Illinois U	590	64	0	72	225	0	80	97	0	52	0
William Rainey Harper Col	199	0	0	0	0	0	0	0	0	199	0
Wm M Scholl Col Pod Med	105	0	0	0	0	0	0	0	0	105	0
Indiana, total	207,133	23,166	1,226	13,217	2,196	16,804	1,010	89,712	5,358	50,403	4,041
Ball State University	620	0	0	47	0	0	0	471	3	99	0
De Pauw University	52	0	0	0	0	0	0	0	11	41	0
Earlham College	33	0	0	0	0	0	0	0	19	14	0
Goshen College	11	0	0	0	0	0	0	0	0	11	0
Indiana St U All Campuses	426	37	0	0	0	0	0	108	26	255	0
Indiana University	90,785	145	0	1,697	1,466	3,346	338	63,019	1,216	19,366	192
Indiana Wesleyan U	29	0	0	0	0	0	0	29	0	0	0
Manchester College	53	0	0	0	0	0	0	0	53	0	0
Marian College IN	12	0	0	0	0	0	0	0	0	12	0
Purdue University	97,422	22,864	1,178	10,167	708	8,885	477	21,936	3,051	24,322	3,834
Rose-Hulman Inst of Tech	129	0	0	0	0	0	0	0	0	129	0
University of Evansville	28	0	0	0	0	0	0	6	0	22	0
University of Notre Dame	17,125	120	48	1,306	22	4,423	195	4,127	938	5,931	15
Valparaiso University	408	0	0	0	0	150	0	16	41	201	0
Iowa, total	176,398	27,186	10,412	6,478	1,598	8,763	2,461	89,467	6,115	16,984	6,934
Clarke Col (Dubuque, IA)	46	0	0	0	0	0	0	0	0	46	0
Coe College	82	0	0	0	0	0	0	0	0	50	32
Dordt College	52	0	0	0	0	0	0	0	0	52	0
Drake University	274	0	0	0	197	0	0	0	28	49	0
Eastern Iowa Cmty Col	269	0	0	0	0	0	269	0	0	0	0
Grand View College	45	0	0	0	0	0	0	0	0	45	0
Grinnell College	402	0	0	0	0	0	0	0	0	402	0
Iowa State University	71,813	26,767	10,240	3,110	253	7,798	2,137	6,001	1,473	8,292	5,742
Kirkwood Community Col	324	0	0	0	0	0	0	309	0	15	0
Loras College	140	0	0	0	0	0	0	0	0	140	0
Luther College	18	0	0	0	0	0	0	0	0	18	0
Maharishi U of Mgmt	965	0	0	0	0	0	0	965	0	0	0
North Iowa Area Cmty Col	22	0	0	0	0	0	0	0	0	22	0
Northwestern Col IA	23	0	0	0	0	0	0	0	0	23	0
Simpson Col (Indnl IA)	21	0	0	0	0	0	0	0	0	21	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Iowa, continued:											
U Northern Iowa	1,341	0	0	750	205	160	55	0	45	126	0
University of Dubuque	6	0	0	0	0	0	0	0	0	6	0
University of Iowa	100,501	419	172	2,618	943	805	0	82,192	4,569	7,623	1,160
Wartburg College	54	0	0	0	0	0	0	0	0	54	0
Kansas, total	72,154	14,493	38	3,052	2,170	4,701	3,369	29,533	2,847	10,415	1,536
Emporia State University	162	0	0	0	72	0	0	0	0	90	0
Kansas State University	31,728	14,329	38	2,050	0	3,371	3,058	2,787	1,148	4,621	326
Pittsburg State U	65	0	0	0	0	0	0	0	0	65	0
Southwestern College KS	4	4	0	0	0	0	0	0	0	0	0
University of Kansas	37,809	160	0	975	1,692	1,200	311	26,192	1,275	5,406	598
Wichita State University	2,386	0	0	27	406	130	0	554	424	233	612
Kentucky, total	83,905	23,709	67	2,467	1,603	4,831	482	38,763	1,684	9,939	360
Bellarmine College	45	45	0	0	0	0	0	0	0	0	0
Berea College	46	0	0	0	0	0	0	0	0	46	0
Centre College	15	0	0	0	0	0	0	0	15	0	0
Georgetown College	25	0	0	0	0	0	0	0	0	25	0
Kentucky State University	5,643	5,473	0	0	0	0	0	170	0	0	0
Morehead State University	50	0	0	0	0	0	0	0	0	50	0
Murray State University	27	0	0	0	0	0	0	0	0	27	0
Northern Kentucky U	278	0	0	0	0	0	0	203	60	15	0
Spalding University	27	0	0	0	0	0	0	27	0	0	0
Thomas More College	25	0	0	0	0	0	0	0	0	25	0
Transylvania University	24	0	0	0	0	0	0	0	0	24	0
University of Kentucky	65,372	18,191	67	1,249	1,303	4,518	370	29,899	758	8,690	327
University of Louisville	9,463	0	0	1,218	92	173	112	6,672	249	914	33
Western Kentucky U	2,865	0	0	0	208	140	0	1,792	602	123	0
Louisiana, total	140,832	18,014	2,961	21,583	1,324	12,605	5,169	60,400	3,703	10,368	4,705
Centenary College of LA	26	0	0	0	0	0	0	0	0	26	0
Dillard University	349	5	0	269	24	20	0	0	31	0	0
Grambling State U	909	0	0	100	0	0	0	787	0	0	22
LA St U System Office	144	144	0	0	0	0	0	0	0	0	0
LA U Marine Consortium	17	0	0	0	0	0	0	0	0	0	17
Louisiana College	61	61	0	0	0	0	0	0	0	0	0
Louisiana State U All Cmp	80,457	13,655	2,834	17,260	607	2,003	4,522	28,584	2,136	6,453	2,403
Louisiana Tech University	1,189	208	0	214	102	0	0	0	24	641	0
Loyola U New Orleans	276	0	0	0	0	0	0	0	0	276	0
McNeese State University	100	0	0	0	0	19	0	0	0	81	0
Northeast Louisiana U	823	0	0	0	0	0	80	299	0	444	0
Northwestern State U	73	0	0	0	0	0	0	62	11	0	0
Nunez Community College	27	0	0	0	0	0	0	0	0	27	0
Southeastern Louisiana U	426	20	0	0	320	0	0	0	13	73	0
Southrn U A&M Col All Cmp	8,776	3,576	52	1,197	271	293	391	1,533	1,036	353	74
Tulane University	41,344	290	75	1,886	0	10,098	141	25,380	162	1,324	1,988
U Southwestern Louisiana	3,124	52	0	258	0	0	0	2,142	153	318	201
Xavier University LA	2,711	3	0	399	0	172	35	1,613	137	352	0
Maine, total	22,575	9,200	3,254	1,769	513	214	928	2,054	179	4,221	243
Bates College	403	0	0	0	0	0	0	87	0	316	0
Bowdoin College	969	0	0	0	0	0	0	0	85	884	0
Colby College	84	0	0	0	0	0	0	0	0	84	0
College of the Atlantic	46	0	0	0	0	0	0	0	0	46	0
St Josephs Col ME	18	0	0	0	0	0	0	0	0	18	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Maine, continued:											
U Maine Augusta	42	0	0	0	0	42	0	0	0	0	0
U Maine Farmington	108	0	0	0	97	0	0	0	0	11	0
U Maine Machias	77	0	77	0	0	0	0	0	0	0	0
U Maine System Office	3,177	0	3,177	0	0	0	0	0	0	0	0
University of Maine	16,032	9,200	0	1,769	416	172	928	784	79	2,441	243
University of New England	110	0	0	0	0	0	0	110	0	0	0
University of S Maine	1,509	0	0	0	0	0	0	1,073	15	421	0
Maryland, total	957,386	14,995	4,980	492,369	3,706	14,642	4,936	338,406	33,312	48,725	1,315
Allegany Community Col	110	0	0	0	0	0	0	0	0	110	0
Bowie State University	320	0	0	90	0	0	0	24	206	0	0
Capitol College	75	0	0	0	0	0	0	0	75	0	0
Catonsville Cmty College	266	0	0	0	0	0	171	0	0	95	0
Charles County Cmty Col	14	0	0	0	0	0	0	0	14	0	0
Chesapeake College	25	0	0	0	0	0	0	0	0	25	0
Col of Notre Dame MD	186	0	0	0	0	0	0	0	0	186	0
Columbia Union College	663	0	0	0	0	0	0	663	0	0	0
Coppin State College	553	0	0	0	278	0	0	200	75	0	0
Frostburg State U	282	0	0	67	215	0	0	0	0	0	0
Goucher College	226	0	0	0	0	0	0	0	0	226	0
Harford Community College	43	0	0	0	0	0	0	0	0	43	0
Hood College	922	17	0	0	0	0	0	0	0	905	0
Howard Community College	42	0	0	0	0	0	0	0	0	42	0
Johns Hopkins University	764,025	262	454	465,980	902	6,339	469	266,107	11,529	11,940	43
Loyola College	745	0	0	0	0	0	0	0	0	745	0
Montgomery College	106	0	0	0	0	0	0	0	0	106	0
Morgan State University	6,296	0	0	1,853	0	0	0	352	1,079	2,961	51
Mt St Marys Col & Seminry	683	6	0	0	0	0	0	0	0	677	0
Prince Georges Cmty Col	73	0	0	0	0	0	0	0	0	73	0
Salisbury State U	156	0	59	0	0	0	0	24	73	0	0
St Marys Col of MD	147	0	5	0	0	0	0	142	0	0	0
Towson State University	607	50	0	0	0	0	114	0	0	443	0
U MD Baltimore	64,373	161	362	633	0	243	386	62,192	0	396	0
U MD Baltimore County	4,647	152	0	377	205	0	0	896	653	2,364	0
U MD College Park	97,518	12,013	4,083	19,128	0	7,908	1,833	7,209	19,449	24,674	1,221
U MD Eastern Shore	3,419	2,334	0	0	198	152	0	593	0	142	0
U MD University Col	295	0	0	0	114	0	0	4	0	177	0
U Maryland Sys Admin	5,739	0	17	3,978	1,794	0	0	0	0	0	0
U of MD Center for EES	4,220	0	0	25	0	0	1,963	0	159	2,073	0
University of Baltimore	248	0	0	238	0	0	0	0	0	10	0
Villa Julie College	74	0	0	0	0	0	0	0	0	74	0
Washington College	95	0	0	0	0	0	0	0	0	95	0
Western Maryland College	143	0	0	0	0	0	0	0	0	143	0
Massachusetts, total	854,268	22,547	5,783	121,823	3,974	83,909	6,140	386,056	51,538	165,211	7,287
American Intl College	6	0	0	0	0	0	0	0	0	6	0
Amherst College	2,766	206	0	19	0	0	0	107	0	2,434	0
Assumption College	438	0	0	0	343	0	0	0	0	95	0
Bentley College	250	0	0	0	0	0	0	0	0	250	0
Boston College	8,345	0	0	2,903	250	384	112	2,152	60	2,131	353
Boston University	84,504	173	0	6,606	1,176	3,114	50	60,023	1,753	11,609	0
Brandeis University	21,115	0	0	477	0	1,226	0	14,753	397	4,262	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Massachusetts, continued:											
Bridgewater State College	222	0	0	0	0	0	0	75	31	116	0
Clark University	1,439	0	40	104	0	223	58	486	118	410	0
Col of the Holy Cross	470	0	0	0	0	0	0	128	0	342	0
Emerson College	275	0	0	0	275	0	0	0	0	0	0
Five Colleges Inc	28	0	0	0	0	0	0	0	0	28	0
Franklin Inst Boston	19	0	0	0	0	0	0	0	0	19	0
Greenfield Community Col	103	0	0	0	0	0	0	0	0	103	0
Hampshire College	360	0	0	0	0	0	0	105	0	255	0
Harvard University	210,011	120	208	8,547	0	5,087	3,140	161,072	6,482	25,182	173
MA Inst of Technology	290,265	158	2,538	61,074	25	67,007	1,309	65,720	39,277	48,227	4,930
Middlesex Cmty Col MA	384	0	0	0	0	0	0	0	0	384	0
Mount Holyoke College	664	0	0	0	0	72	0	0	116	476	0
Northeastern University	12,562	180	0	2,567	0	846	111	3,611	22	5,225	0
Radcliffe College	367	0	0	367	0	0	0	0	0	0	0
Roxbury Community College	1	0	0	0	0	0	0	0	0	0	1
Salem State College	90	0	0	0	0	0	0	75	0	15	0
Simmons College	815	0	0	0	100	0	0	655	0	60	0
Smith College	777	0	0	21	106	0	0	320	0	330	0
Stonehill College	15	0	0	0	0	0	0	0	0	15	0
Suffolk University	147	0	0	0	147	0	0	0	0	0	0
Tufts University	47,407	12,624	530	1,741	500	999	369	28,824	25	1,795	0
U MA Amherst	41,682	8,078	0	6,796	459	1,982	519	7,227	1,752	14,420	449
U MA Boston	3,242	189	0	389	515	108	28	1,278	0	735	0
U MA Central Office	554	0	229	0	0	0	0	0	0	0	325
U MA Dartmouth	2,431	819	0	80	0	0	0	0	0	1,532	0
U MA Lowell	4,069	0	0	1,399	0	334	273	1,135	174	704	50
U MA Worcester	38,872	0	0	678	0	0	0	37,313	0	881	0
Wellesley College	1,254	0	0	0	0	0	71	745	49	389	0
Wentworth Inst of Tech	1,236	0	0	1,085	0	0	0	0	0	151	0
Western New England Col	29	0	0	0	0	0	0	0	0	29	0
Wheelock College	225	0	0	0	78	0	0	0	0	147	0
Williams College	585	0	0	0	0	0	0	87	0	498	0
Woods Hole Oceangraphic	68,281	0	2,169	22,019	0	2,063	0	165	1,008	40,306	551
Worcester Polytech Inst	7,963	0	69	4,951	0	464	100	0	274	1,650	455
Michigan, total	433,431	27,557	1,676	37,709	2,239	13,424	10,224	236,374	19,067	81,991	3,170
Adrian College	23	0	0	0	0	0	0	0	0	23	0
Albion College	77	0	0	0	0	0	0	0	0	77	0
Alma College	65	0	0	0	0	0	0	0	31	34	0
Andrews University	5	0	0	0	0	0	0	0	0	5	0
Aquinas Col (Grnd Rpd MI)	24	0	0	0	0	0	0	0	0	24	0
Calvin College	231	0	0	0	0	0	0	97	0	134	0
Central Michigan U	533	0	0	0	0	0	0	155	0	378	0
Cnsrtm Intl Earh Sci Info	10,380	0	0	4,500	0	0	0	0	5,880	0	0
Davenport College	25	0	0	0	0	0	0	0	0	25	0
Delta College	1,231	0	0	0	0	19	0	0	1,175	37	0
Eastern Michigan U	860	0	0	0	0	0	0	190	0	670	0
Ferris State University	48	0	0	0	0	0	0	0	0	48	0
GMI Engineering Mgt Inst	195	0	0	0	0	0	0	0	0	195	0
Grand Rapids Cmty Col	83	0	0	0	0	0	0	60	0	23	0
Grand Valley State U	259	0	0	0	193	0	0	15	20	31	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Michigan, continued:											
Henry Ford Community Col	150	0	0	0	0	0	0	0	0	150	0
Hope College	839	0	0	34	0	0	0	113	66	626	0
Kalamazoo College	201	0	0	0	0	0	0	92	0	109	0
Lake Michigan College	23	0	0	0	0	0	0	0	0	23	0
Lake Superior State U	220	0	0	0	0	0	0	0	0	220	0
Lawrence Technological U	50	0	0	0	0	0	0	0	0	50	0
Madonna University	104	0	0	0	0	0	0	0	0	104	0
Michigan State University	85,993	26,265	0	3,912	288	3,924	635	23,959	422	26,279	309
Michigan Tech University	9,065	591	68	2,934	19	1,309	1,275	0	450	2,388	31
Northern Michigan U	287	0	0	0	198	0	0	0	0	89	0
Oakland University	3,905	0	0	592	0	45	0	2,801	0	467	0
U of Detroit Mercy	2,540	90	0	181	0	0	50	129	0	2,090	0
University of Michigan	263,243	611	1,541	23,136	537	7,146	7,665	168,679	10,751	40,401	2,776
Wayne State University	49,279	0	67	2,328	509	786	599	39,797	229	4,910	54
West Shore Community Col	23	0	0	0	0	0	0	0	0	23	0
Western Michigan U	3,470	0	0	92	495	195	0	287	43	2,358	0
Minnesota, total	228,602	20,805	1,311	25,990	2,674	6,165	2,711	130,430	2,557	33,964	1,995
Arrowhead Cmty Colleges	372	0	0	0	0	100	0	0	0	272	0
Augsburg College	352	0	0	107	0	0	0	0	55	190	0
Carleton College	504	0	0	0	0	0	0	119	0	385	0
College of St Catherine	51	0	0	0	0	0	0	51	0	0	0
College of St Scholastica	23	0	0	0	0	0	0	23	0	0	0
Concordia Col Moorhead	67	0	0	0	0	0	0	0	0	67	0
Gustavus Adolphus College	181	0	0	0	0	0	0	0	0	181	0
Hamline University	254	0	0	0	0	0	0	0	0	254	0
Lakewood Community Col	216	0	0	0	216	0	0	0	0	0	0
Luther Seminary	14	0	0	0	0	0	0	0	0	14	0
MN St Cols & Universities	1,113	0	0	0	0	0	0	1,113	0	0	0
Macalester College	257	0	0	0	0	0	111	0	0	146	0
Mankato State University	623	62	0	0	110	0	0	135	71	245	0
Moorhead State University	129	0	0	0	0	0	0	0	0	129	0
Northland Cmty & Tech Col	46	0	0	0	0	0	0	0	0	0	46
Southwest State U	64	0	0	0	0	0	0	0	0	64	0
St Cloud State University	2,867	0	64	2,542	0	19	0	91	0	151	0
St Mary's Univ of MN	41	0	0	0	0	0	0	24	0	17	0
St Olaf College	1,313	0	0	0	0	0	0	133	0	1,180	0
U of St Thomas (St Pl MN)	15,108	0	0	15,000	0	0	0	7	0	101	0
University of Minnesota	204,971	20,743	1,247	8,341	2,348	6,046	2,600	128,709	2,431	30,557	1,949
Winona State University	36	0	0	0	0	0	0	25	0	11	0
Mississippi, total	72,120	28,722	1,095	7,412	1,889	5,046	320	14,572	2,181	9,250	1,633
Alcorn State University	3,602	3,395	0	0	0	0	0	207	0	0	0
Delta State University	23	0	0	0	0	0	0	0	0	23	0
Hinds Cmty Col Raymond	272	0	0	0	271	0	0	0	0	0	1
Jackson State University	5,532	0	0	565	216	617	50	1,889	125	1,890	180
MS AL Sea Grant Cnsrtm	1,095	0	1,095	0	0	0	0	0	0	0	0
Millsaps College	2	0	0	2	0	0	0	0	0	0	0
Mississippi College	20	0	0	0	0	0	0	0	0	20	0
Mississippi State U	36,868	21,986	0	2,375	1,097	3,972	270	465	1,148	5,290	265
Mississippi U for Women	55	0	0	0	0	0	0	55	0	0	0
Mississippi Valley St U	701	609	0	0	91	0	0	0	1	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Mississippi, continued:											
Rust College	563	10	0	163	0	0	0	385	0	0	5
Tougaloo College	494	0	0	0	0	0	0	494	0	0	0
U Southern Mississippi	5,847	1,035	0	2,225	125	135	0	942	495	890	0
University of Mississippi	17,046	1,687	0	2,082	89	322	0	10,135	412	1,137	1,182
Missouri, total	261,041	29,846	312	7,443	2,634	4,311	768	187,395	4,777	20,985	2,570
Avila College	3	0	0	0	0	0	0	0	0	3	0
Central Missouri St U	44	0	0	0	0	0	0	0	0	44	0
Drury College	11	0	0	0	0	0	0	0	0	11	0
Kirksville Col Osteo Med	1,393	0	0	0	0	0	200	1,193	0	0	0
Lincoln U (Jefrsn Cty MO)	5,886	5,512	0	0	0	0	0	224	0	0	150
Missouri Western St Col	33	0	0	33	0	0	0	0	0	0	0
North Central MO Col	1,272	0	0	0	0	0	0	1,272	0	0	0
Northeast Missouri St U	76	0	0	0	0	0	0	0	0	76	0
Northwest Missouri St U	278	0	0	0	226	0	0	0	0	52	0
PA Valley Community Col	39	0	0	0	0	0	0	0	0	39	0
Rockhurst College	23	0	0	0	0	0	0	0	0	23	0
Southeast Missouri St U	128	33	0	0	0	0	0	11	78	6	0
Southwest Missouri St U	560	0	0	35	0	0	0	0	0	525	0
St Louis Community Col	129	0	0	0	0	0	0	0	0	0	129
St Louis University	22,270	205	0	67	518	0	0	19,733	240	965	542
U Missouri Columbia	47,100	22,891	0	632	775	857	456	15,045	436	5,431	577
U Missouri Kansas City	4,880	0	0	197	0	192	0	3,860	0	631	0
U Missouri Rolla	5,667	0	72	1,297	0	163	0	134	575	2,483	943
U Missouri St Louis	3,688	125	0	421	0	0	0	1,220	56	1,866	0
U Missouri System Admin	2,081	272	219	267	898	336	0	0	0	0	89
Washington University	165,336	808	21	4,494	115	2,763	112	144,703	3,392	8,788	140
William Woods University	144	0	0	0	102	0	0	0	0	42	0
Montana, total	34,933	10,357	400	1,638	1,395	414	616	5,493	1,359	12,585	676
Carroll Col (Helena, MT)	9	9	0	0	0	0	0	0	0	0	0
Fort Belknap College	119	0	0	0	119	0	0	0	0	0	0
MT State U Billings	117	0	0	0	105	0	0	0	12	0	0
MT Tech U of MT	422	0	0	275	0	0	0	0	0	147	0
Montana State U (Bozeman)	25,182	8,962	400	1,350	0	164	482	3,012	970	9,218	624
Montana U Sys Sys Off	1,591	0	0	0	0	0	0	0	0	1,591	0
Salish Kootenai College	519	0	0	0	177	0	0	340	0	0	2
Stone Child College	141	0	0	0	141	0	0	0	0	0	0
University of Montana	6,833	1,386	0	13	853	250	134	2,141	377	1,629	50
Nebraska, total	55,209	16,629	0	3,714	602	809	259	20,492	1,774	10,527	403
Creighton University	5,014	0	0	1,111	190	108	0	3,461	90	54	0
Dana College	13	0	0	0	0	0	0	0	0	13	0
Southeast Community Col	50	0	0	0	0	0	0	0	0	50	0
U NE Ctrl Admin Sys Off	838	20	0	0	322	477	0	0	0	0	19
U Nebraska Lincoln	34,703	16,609	0	2,505	0	130	259	3,166	1,471	10,211	352
U Nebraska Med Ctr Omaha	14,085	0	0	98	90	0	0	13,865	0	0	32
U Nebraska Omaha	506	0	0	0	0	94	0	0	213	199	0
Nevada, total	31,374	4,024	606	205	261	4,114	5,083	7,277	597	7,268	1,939
Desert Research Institute	5,451	107	0	36	0	215	2,734	0	369	1,730	260
Sierra Nevada College	21	0	0	0	0	21	0	0	0	0	0
U & Cmty Col NV Sys Off	2,508	0	606	169	0	0	0	0	0	1,733	0
U Nevada Las Vegas	7,732	360	0	0	94	3,731	1,330	468	175	1,039	535
U Nevada Reno	15,662	3,557	0	0	167	147	1,019	6,809	53	2,766	1,144

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New Hampshire, total	64,945	4,889	940	2,423	295	1,497	1,033	35,074	9,751	8,812	231
Dartmouth College	41,498	418	413	2,077	127	624	101	31,884	1,160	4,684	10
Franklin Pierce College	24	0	0	0	0	0	0	0	0	24	0
NH Tech Col Stratham	80	0	0	0	0	0	0	0	0	80	0
New Hampshire College	160	0	0	0	0	160	0	0	0	0	0
Rivier College	5	0	0	0	0	0	0	5	0	0	0
St Anselm College	57	0	0	0	0	0	0	0	0	57	0
U NH Plymouth St Col	11	0	0	0	0	0	0	0	0	11	0
U New Hampshire	22,167	4,471	0	0	98	713	932	3,185	8,591	3,956	221
U System of NH Sys Off	943	0	527	346	70	0	0	0	0	0	0
New Jersey, total	228,532	12,559	3,031	33,726	750	11,904	4,827	95,284	6,506	53,924	6,021
Bloomfield College	39	0	0	0	0	0	0	0	0	39	0
Camden County College	356	0	0	0	0	0	0	0	0	356	0
Drew University	156	0	0	34	0	0	0	47	0	75	0
Georgian Court College	25	0	0	0	0	0	0	0	0	25	0
Hudson Co Community Col	10	10	0	0	0	0	0	0	0	0	0
Jersey City State College	95	0	0	0	95	0	0	0	0	0	0
Kean Col of New Jersey	18	0	0	0	0	0	0	0	0	18	0
Middlesex County College	301	0	0	0	0	0	0	0	0	301	0
Monmouth University	175	0	0	102	0	0	0	0	0	73	0
Montclair State U	37	0	0	0	0	0	0	0	0	37	0
NJ Inst of Technology	10,123	0	0	2,171	216	218	2,434	37	0	3,948	1,099
Princeton University	67,326	0	500	12,528	0	7,537	55	18,304	4,596	23,637	169
R Stockton State Col NJ	219	0	0	0	0	0	0	0	0	219	0
Ramapo College of NJ	821	0	0	0	0	0	0	0	0	821	0
Rider University	12	0	0	0	0	0	0	0	0	12	0
Rowan Col of New Jersey	41	0	0	0	0	0	0	0	41	0	0
Rutgers the St U of NJ	80,780	12,469	2,531	9,144	76	3,917	1,578	25,432	1,631	19,754	4,248
Seton Hall University	785	0	0	0	0	19	0	634	0	132	0
Stevens Institute of Tech	11,519	0	0	9,117	0	213	0	0	170	2,014	5
Trenton State College	1,324	0	0	0	112	0	0	4	0	1,208	0
U Med & Dent of NJ	54,295	80	0	630	251	0	760	50,751	68	1,255	500
William Paterson College	75	0	0	0	0	0	0	75	0	0	0
New Mexico, total	131,903	8,231	30	49,295	2,828	9,460	218	27,303	23,143	10,462	933
Albuquerque T-VI A CC	65	0	0	0	0	0	0	0	0	65	0
Col of the Southwest	15	0	0	0	0	0	0	0	0	0	15
Eastern New Mexico U	214	89	0	0	0	0	0	0	0	125	0
NM Inst Mining & Tech	5,224	0	0	2,452	0	795	0	0	40	1,780	157
New Mexico Highlands U	3,451	0	0	0	95	0	0	531	1,735	1,090	0
New Mexico State U	48,338	7,961	0	11,698	318	4,392	207	3,088	18,080	2,057	537
SW Indian Polytech Inst	20	0	0	0	0	0	0	0	0	20	0
Santa Fe Cmty Col NM	119	0	0	0	119	0	0	0	0	0	0
University of New Mexico	74,407	131	30	35,145	2,296	4,273	11	23,684	3,288	5,325	224
Western New Mexico U	50	50	0	0	0	0	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, total	1,134,116	30,064	1,579	70,891	10,326	61,879	4,089	717,710	23,928	208,331	5,319
Adelphi University	470	0	0	0	0	225	0	200	0	45	0
Albany Col of Pharmacy	99	0	0	0	0	0	0	99	0	0	0
Albany Medical College	9,145	0	0	529	0	0	150	8,306	0	160	0
Alfred University	1,205	0	0	513	101	231	0	0	0	360	0
Bank Street Col of Ed	184	0	0	0	107	0	0	0	0	77	0
Barnard College	657	0	0	160	0	0	0	250	0	247	0
CUNY Bernard Baruch Col	608	0	0	375	0	0	0	0	0	233	0
CUNY Boro of Manhattan CC	107	0	0	0	0	0	0	0	0	107	0
CUNY Bronx Cmty College	358	0	0	0	0	0	0	358	0	0	0
CUNY Brooklyn College	1,859	0	0	269	0	127	0	648	0	815	0
CUNY City College	15,035	0	0	1,204	0	862	0	3,770	1,419	6,752	1,028
CUNY Col Staten Island	548	0	0	0	0	25	0	286	0	237	0
CUNY Grad Schl & U Ctr	3,405	0	0	214	0	0	0	2,546	0	645	0
CUNY H H Lehman College	2,227	0	0	40	0	0	0	1,174	0	1,013	0
CUNY Hunter College	7,142	0	0	760	74	0	0	4,735	11	1,562	0
CUNY J Jay Col Crim Just	232	0	0	0	105	0	0	0	0	127	0
CUNY Laguardia Cmty Col	51	0	0	0	0	0	0	3	48	0	0
CUNY Medgar Evers College	46	0	0	0	0	0	0	0	0	46	0
CUNY Mt Sinai Schl of Med	55,583	0	0	0	1,009	190	0	53,936	182	266	0
CUNY NY City Tech Col	320	0	0	0	29	241	0	0	0	50	0
CUNY Queens College	2,481	0	0	433	0	0	0	1,514	0	534	0
CUNY Queensboro Cmty Col	218	0	0	0	0	0	0	0	0	218	0
CUNY System Office	5,155	0	0	246	1,235	0	0	0	0	3,494	180
CUNY York College	1,248	0	0	8	0	0	0	1,179	0	61	0
Canisius College	125	0	0	0	0	0	0	0	0	125	0
Clarkson University	4,947	0	0	736	51	482	318	189	1,071	2,100	0
Col of Mount St Vincent	46	0	0	0	0	0	0	16	0	30	0
Colgate University	815	0	0	0	0	0	0	78	0	737	0
College of New Rochelle	24	0	0	0	0	0	0	24	0	0	0
Columbia U Central Off	2,934	0	0	0	0	1,988	0	946	0	0	0
Columbia U City New York	197,615	260	0	11,156	127	7,815	199	139,496	6,079	31,906	577
Cooper Union	276	0	0	0	0	0	0	0	75	201	0
Cornell University	221,538	27,070	491	14,323	323	4,984	117	94,172	5,701	73,668	689
D'Youville College	49	0	0	0	0	0	0	49	0	0	0
Fordham University	2,439	0	50	26	0	0	0	2,169	0	194	0
Hamilton College	183	0	0	0	0	0	0	0	0	183	0
Hobart Wm Smith Colleges	358	0	0	0	0	0	0	0	0	358	0
Hofstra University	1,151	0	0	109	225	0	0	13	82	722	0
Houghton College	25	0	0	0	0	0	0	0	0	25	0
Iona College	135	0	0	65	0	0	0	0	0	70	0
Ithaca College	500	0	0	0	0	0	0	0	0	500	0
Le Moyne College	26	0	0	26	0	0	0	0	0	0	0
Long Island University	354	0	0	0	184	0	0	0	0	170	0
Manhattan College	211	0	0	0	87	7	90	0	12	15	0
Mercy College NY	152	0	0	0	93	0	0	0	0	59	0
Nazareth Col of Rochester	86	0	0	0	0	0	0	0	0	86	0
New School Social Rsch	398	0	0	0	0	0	0	328	0	70	0
New York Inst Technology	153	0	0	70	0	0	0	83	0	0	0
New York Medical College	13,718	155	0	64	684	0	0	12,742	0	73	0
New York University	98,081	0	153	5,783	883	3,540	700	78,337	287	8,398	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
Niagara University	337	0	0	0	0	0	0	179	34	124	0
Pace University	618	0	0	0	0	180	0	438	0	0	0
Polytechnic University	5,742	0	0	2,921	0	181	0	0	376	2,264	0
Regents Col, U of St NY	110	0	0	0	0	0	0	0	0	110	0
Rensselaer Polytech Inst	27,300	50	885	6,819	0	1,815	1,595	1,695	2,376	11,912	153
Rochester Inst Technology	5,492	0	0	3,040	0	38	0	960	158	1,296	0
Rockefeller University	43,716	0	0	150	0	1,310	8	41,266	59	923	0
Russell Sage College	182	0	0	0	0	0	0	84	0	98	0
SUNY Col Brockport	1,022	0	0	0	86	0	0	0	0	936	0
SUNY Col Buffalo	2,360	0	0	0	2,009	0	0	0	95	187	69
SUNY Col Cortland	209	0	0	0	0	0	0	0	0	209	0
SUNY Col Env Sci & Forest	945	505	0	0	0	0	0	0	0	377	63
SUNY Col Fredonia	158	0	0	0	0	0	0	0	0	158	0
SUNY Col Geneseo	275	0	0	0	0	0	0	0	0	275	0
SUNY Col New Paltz	130	0	0	0	0	0	0	20	0	110	0
SUNY Col Old Westbury	1,287	0	0	0	0	0	0	980	0	307	0
SUNY Col Oswego	69	0	0	0	0	0	0	0	0	69	0
SUNY Col Plattsburgh	492	0	0	0	0	0	0	450	34	8	0
SUNY Col Potsdam	197	0	0	0	0	0	0	94	0	103	0
SUNY Col Tech Alfred	40	0	0	0	0	0	0	0	0	40	0
SUNY Col Tech Delhi	80	0	0	0	0	0	0	0	0	80	0
SUNY Col of Optometry	109	0	0	0	0	0	0	109	0	0	0
SUNY Genesee Cmty College	17	0	0	0	0	0	0	0	0	17	0
SUNY Hlth Sci Ctr Brookly	18,861	0	0	0	0	0	0	18,465	0	396	0
SUNY Hlth Sci Ctr Syracus	8,413	0	0	0	0	0	0	8,110	0	303	0
SUNY Inst Tech Utica Rome	67	0	0	0	0	0	0	0	0	67	0
SUNY Jamestown Cmty Col	72	0	0	0	0	0	0	0	0	72	0
SUNY Monroe Cmty College	10	0	0	0	0	0	0	0	0	10	0
SUNY Nassau Cmty College	97	0	0	0	0	0	0	0	0	97	0
SUNY Purchase Col	70	0	0	0	0	0	0	0	70	0	0
SUNY Schenectady Co CC	21	0	0	0	0	0	0	0	0	21	0
SUNY System Office	3,672	50	0	812	2,170	0	0	331	0	309	0
SUNY Ulster Co Cmty Col	47	0	0	0	0	0	47	0	0	0	0
SUNY Westchester Cmty Col	174	0	0	0	0	0	99	75	0	0	0
SUNY at Albany	15,571	1,222	0	675	71	1,499	512	8,224	847	2,521	0
SUNY at Binghamton	4,273	0	0	419	0	83	0	1,204	212	2,355	0
SUNY at Buffalo	45,479	50	0	1,497	16	537	0	29,912	842	10,601	2,024
SUNY at Stony Brook	66,489	417	0	5,057	0	4,267	129	36,209	1,893	18,211	306
Sarah Lawrence College	20	0	0	0	0	0	0	0	0	20	0
Siena College	25	0	0	0	0	0	0	0	0	25	0
St Bonaventure University	18	0	0	0	0	0	0	0	0	18	0
St John Fisher College	41	0	0	0	0	0	0	0	41	0	0
St Johns University NY	1,252	0	0	0	0	0	0	1,212	0	40	0
St Lawrence University	63	0	0	0	0	0	0	0	0	63	0
Syracuse University	18,526	3	0	3,826	415	1,178	125	7,371	533	4,945	130
Teachers Col Columbia U	1,984	0	0	0	242	0	0	1,650	0	92	0
Technical Career Inst	5	0	0	0	0	0	0	0	0	5	0
Union Col (Schenectdy NY)	653	0	0	0	0	0	0	7	0	646	0
University of Rochester	125,863	282	0	7,225	0	30,074	0	76,671	1,336	10,175	100
Vassar College	590	0	0	104	0	0	0	0	55	431	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
Wagner College	37	0	0	0	0	0	0	21	0	16	0
Yeshiva University NY	76,114	0	0	1,237	0	0	0	74,327	0	550	0
North Carolina, total	502,963	38,212	8,524	26,393	4,082	9,535	13,155	334,580	8,317	54,284	5,881
Appalachian St University	491	0	0	0	195	0	0	0	36	260	0
Barber Scotia College	46	0	0	0	25	21	0	0	0	0	0
Bennett College NC	642	0	0	0	0	0	0	454	0	188	0
Bladen Community College	1,080	0	1,080	0	0	0	0	0	0	0	0
Campbell University	124	12	0	0	0	0	0	112	0	0	0
Catawba College	77	0	0	0	0	0	0	77	0	0	0
Chowan College	35	0	0	0	0	0	0	0	0	35	0
Davidson College	329	0	0	50	0	0	0	0	0	279	0
Duke University	165,501	594	181	7,920	0	5,343	1,747	133,443	540	15,345	388
East Carolina University	5,155	0	0	463	242	0	0	3,832	198	369	51
Elizabeth City State U	575	0	0	351	105	0	0	119	0	0	0
Elon College	31	1	0	0	0	0	0	0	0	30	0
Fayetteville State U	680	0	0	0	0	15	0	493	88	84	0
Guilford College	12	0	0	0	0	0	0	0	12	0	0
Johnson C Smith U	557	0	0	0	0	0	0	362	100	95	0
Johnston Community Col	47	0	0	0	0	0	47	0	0	0	0
Livingstone College	267	0	0	0	267	0	0	0	0	0	0
Mars Hill College	94	0	0	0	0	0	0	94	0	0	0
Methodist College	42	0	0	0	0	0	0	42	0	0	0
NC Ag & Tech State U	18,444	6,121	0	2,199	302	353	108	826	3,412	3,619	1,504
NC State U Raleigh	72,875	28,088	2,650	7,211	298	1,904	4,877	6,802	2,977	16,580	1,488
North Carolina Central U	1,254	0	0	20	0	0	100	1,112	0	22	0
Pembroke State University	4	0	0	0	0	0	0	0	4	0	0
Shaw University	221	15	0	56	0	0	150	0	0	0	0
U NC Asheville	547	33	0	0	0	37	0	0	40	437	0
U NC Chapel Hill	165,083	100	56	7,672	1,595	1,862	6,091	133,350	788	11,119	2,450
U NC Charlotte	3,404	50	136	405	393	0	35	83	50	2,252	0
U NC General Admin Off	72	0	72	0	0	0	0	0	0	0	0
U NC Greensboro	2,726	24	0	0	316	0	0	745	0	1,641	0
U NC Wilmington	4,681	0	4,128	0	0	0	0	148	0	405	0
Wake Forest University	56,784	3,084	221	46	0	0	0	51,901	72	1,460	0
Western Carolina U	433	90	0	0	279	0	0	0	0	64	0
Winston Salem State U	650	0	0	0	65	0	0	585	0	0	0
North Dakota, total	33,338	12,467	0	556	1,024	7,007	1,462	3,444	437	3,006	3,935
Fort Bethold Cmty College	85	0	0	0	85	0	0	0	0	0	0
Jamestown College	24	0	0	0	0	0	0	0	0	24	0
Little Hoop Cmty Col	276	0	0	0	276	0	0	0	0	0	0
Mayville State University	396	0	0	0	0	0	0	396	0	0	0
Minot State University	645	0	0	0	355	0	0	290	0	0	0
North Dakota St Col Sci	18	0	0	0	0	0	0	0	0	0	18
North Dakota State U	14,336	11,754	0	483	2	23	0	219	143	610	1,102
Standing Rock College	119	0	0	0	119	0	0	0	0	0	0
Turtle Mountain Cmty Col	251	0	0	0	0	19	0	0	26	206	0
United Tribes Tech Col	20	0	0	0	20	0	0	0	0	0	0
University of Mary	27	0	0	0	0	0	0	27	0	0	0
University of N Dakota	17,141	713	0	73	167	6,965	1,462	2,512	268	2,166	2,815

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Ohio, total	371,520	22,621	186	61,544	5,625	7,461	7,113	196,000	23,644	40,717	6,609
Antioch University	3	3	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	65	0	0	0	0	0	0	0	30	35	0
Bowling Green State U	1,744	94	0	170	303	0	60	423	0	694	0
Case Western Reserve U	108,212	250	0	5,473	119	365	25	89,299	5,875	6,517	289
Central State U OH	1,992	0	0	325	0	262	0	311	1,013	75	6
Cleveland State U	3,061	0	0	0	72	0	0	126	2,781	82	0
College of Wooster	146	0	0	0	0	0	0	0	40	106	0
Cuyahoga Cmty Col	457	0	0	0	0	0	150	0	307	0	0
Denison University	144	0	0	0	0	42	0	0	49	53	0
Hiram College	39	0	0	0	0	0	0	0	0	39	0
John Carroll University	5,574	0	0	5,300	0	0	0	0	124	150	0
Kent State University	7,968	0	0	784	878	215	294	1,733	341	3,723	0
Kenyon College	297	0	0	0	0	0	0	0	0	297	0
Marietta College	20	0	0	0	0	0	0	0	0	20	0
Marion Technical College	15	0	0	0	0	0	0	0	0	15	0
Medical College OH Toledo	8,102	0	0	1,000	0	0	0	6,879	0	223	0
Miami University OH	3,415	93	12	0	0	38	161	744	75	2,277	15
N E Ohio U Col of Med	1,084	0	0	0	0	0	0	1,084	0	0	0
Oberlin College	652	0	0	0	0	0	0	265	0	387	0
Ohio Northern University	29	0	0	0	0	0	0	0	0	29	0
Ohio State University	113,463	21,552	150	9,219	2,014	4,900	807	47,267	4,763	16,981	5,810
Ohio University	5,145	219	24	658	112	576	0	1,102	651	1,686	117
Ohio Wesleyan University	357	0	0	118	0	0	0	0	0	239	0
Otterbein College	27	0	0	0	0	0	0	0	0	27	0
Sinclair Community Col	1,150	0	0	0	0	0	0	0	0	1,000	150
University of Akron	4,638	25	0	193	306	197	498	990	1,116	1,313	0
University of Cincinnati	55,436	130	0	4,170	495	564	4,858	39,589	2,553	3,077	0
University of Dayton	33,626	0	0	32,010	0	0	220	85	496	707	108
University of Toledo	4,371	255	0	0	281	67	0	782	2,397	589	0
Wilberforce University	477	0	0	0	0	0	0	0	432	45	0
Wright State University	9,366	0	0	2,124	1,045	20	40	5,162	601	260	114
Xavier University OH	374	0	0	0	0	215	0	159	0	0	0
Youngstown St University	71	0	0	0	0	0	0	0	0	71	0
Oklahoma, total	77,091	16,993	1,555	10,018	2,182	3,215	1,113	18,214	8,592	14,148	1,061
Cameron University	74	0	0	74	0	0	0	0	0	0	0
Carl Albert State Col	205	0	0	0	205	0	0	0	0	0	0
East Central University	619	0	0	0	349	0	270	0	0	0	0
Langston University	2,991	2,896	0	0	80	15	0	0	0	0	0
Murray State College	19	0	0	0	0	19	0	0	0	0	0
Northeastern State U	24	0	0	0	0	0	0	24	0	0	0
Oklahoma State University	37,661	13,764	0	8,135	0	406	317	1,533	7,886	5,519	101
Rogers State College	200	0	0	0	200	0	0	0	0	0	0
Southeastern OK St U	854	0	0	48	588	0	0	218	0	0	0
Southwestern OK St U	68	0	0	0	0	0	0	0	0	68	0
U of Central Oklahoma	62	0	0	0	0	0	0	0	0	37	25
University of Oklahoma	32,503	289	1,555	1,701	760	2,752	253	16,182	549	7,527	935
University of Tulsa	1,811	44	0	60	0	23	273	257	157	997	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Oregon, total	163,475	20,730	3,469	10,368	5,633	9,299	3,985	72,465	3,808	30,223	3,495
Central Oregon Cmty Col	679	0	0	0	0	0	0	644	0	35	0
Chemeketa Community Col	48	0	0	0	0	0	0	0	0	48	0
Clackamas Community Col	25	0	0	0	0	0	0	0	0	25	0
Clatsop Community College	21	0	0	0	0	0	0	0	0	21	0
Eastern Oregon St College	1,067	204	0	0	0	0	0	833	0	0	30
Lane Community College	126	0	0	0	0	0	0	100	0	25	1
Lewis & Clark College	345	20	0	0	190	0	0	101	0	34	0
Linn Benton Community Col	21	0	0	0	0	0	0	0	0	21	0
Mount Hood Community Col	2,011	0	0	0	0	0	0	1,516	0	495	0
OR St Sys Higher Ed Off	872	0	0	872	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	7,500	0	0	2,714	0	685	121	1,659	93	2,128	100
Oregon Hlth Sciences U	53,524	0	0	105	91	4,393	344	48,073	50	468	0
Oregon Institute of Tech	300	0	0	0	0	300	0	0	0	0	0
Oregon State University	67,854	20,365	3,374	5,884	161	1,322	3,367	8,086	3,355	18,987	2,953
Portland Community Col	100	0	0	0	0	0	0	0	0	100	0
Portland State University	1,942	9	0	4	536	92	4	730	0	567	0
Reed College	703	0	0	0	0	0	0	0	0	703	0
Southern Oregon St Col	114	0	0	0	0	0	0	0	21	93	0
University of Oregon	25,018	132	95	789	3,827	2,507	149	10,403	289	6,416	411
University of Portland	19	0	0	0	0	0	0	0	0	19	0
Western Oregon State Col	866	0	0	0	828	0	0	0	0	38	0
Western St Chiroprac Col	320	0	0	0	0	0	0	320	0	0	0
Pennsylvania, total	792,122	24,119	848	147,349	6,922	22,060	3,488	445,155	21,548	110,137	10,496
Allegheny College	324	0	0	0	0	0	0	0	0	324	0
Beaver College PA	100	0	0	0	0	0	0	100	0	0	0
Bloomsburg U of PA	66	58	0	0	0	0	0	8	0	0	0
Bryn Mawr College	675	0	0	0	0	0	0	482	7	186	0
Bucknell University	547	50	0	34	0	0	0	74	63	326	0
Cabrini College	24	0	0	0	0	0	0	0	0	24	0
California U of PA	434	0	0	0	0	0	0	349	0	0	85
Carnegie Mellon U	70,030	0	264	23,476	0	4,618	269	9,782	4,677	24,453	2,491
Cedar Crest College	24	0	0	0	0	0	0	0	0	24	0
Chestnut Hill College	20	0	0	0	0	0	0	0	0	20	0
Clarion U of PA	17	17	0	0	0	0	0	0	0	0	0
College Misericordia	19	0	0	0	0	0	0	19	0	0	0
Delaware County Cmty Col	24	0	0	0	0	0	0	0	0	24	0
Delaware Valley College	19	0	0	0	0	19	0	0	0	0	0
Dickinson College	627	0	0	0	0	0	0	0	0	627	0
Drexel University	10,327	0	0	1,090	0	183	475	1,828	666	6,085	0
Duquesne University	680	140	0	86	0	0	0	275	0	179	0
East Stroudsburg U of PA	80	0	0	0	0	0	0	0	0	80	0
Eastern College	25	0	0	0	0	0	0	0	0	25	0
Franklin & Marshall Col	1,995	0	0	0	0	0	0	0	0	1,995	0
Gannon University	105	0	0	0	0	0	0	80	0	25	0
Geneva College	23	0	0	0	0	0	0	0	0	23	0
Gettysburg College	198	0	0	0	0	0	0	0	0	198	0
Gwynedd Mercy College	66	0	0	0	0	0	0	42	0	24	0
Haverford College	828	0	0	0	0	0	0	103	0	725	0
Indiana U of PA	352	0	0	0	0	0	0	294	0	0	58
Juniata College	539	0	0	0	0	0	0	0	0	539	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Pennsylvania, continued:											
Kings College PA	35	0	0	0	0	0	0	0	0	35	0
Kutztown U of PA	60	0	0	0	0	0	0	0	0	46	14
La Roche College	24	0	0	0	0	0	0	0	0	24	0
La Salle University	82	0	0	0	0	0	0	58	0	24	0
Lafayette College	378	0	0	0	0	0	0	0	37	341	0
Lebanon Valley College	753	0	0	0	0	0	0	0	0	753	0
Lehigh Carbon Cmty Col	75	0	0	0	0	0	0	75	0	0	0
Lehigh University	13,989	0	68	3,688	202	1,137	143	558	296	7,546	351
Lincoln U (Linc U PA)	2,368	20	0	358	1,566	0	0	169	180	75	0
Lycoming College	31	0	0	0	0	0	0	0	0	31	0
Medical College PA	17,249	0	0	519	167	0	0	16,253	0	310	0
Mercyhurst College	22	0	0	0	0	0	0	0	0	22	0
Millersville U of PA	16	0	0	0	0	0	0	0	0	16	0
Montgomery Co Cmty Col	142	0	0	0	0	0	0	0	0	142	0
Mount Aloysius College	24	0	0	0	0	0	0	0	0	24	0
PA College of Optometry	936	0	0	0	288	0	0	648	0	0	0
Pace Institute	1,240	0	0	0	0	1,240	0	0	0	0	0
Pennsylvania Col of Tech	99	0	0	0	0	0	0	0	0	99	0
Pennsylvania State U	207,423	23,134	203	88,007	1,105	4,248	1,375	46,707	12,451	23,287	6,906
Phila Col of Pharm & Sci	482	0	0	0	0	0	0	437	0	45	0
Phila Col of Text & Sci	70	0	0	0	0	0	0	0	0	70	0
Shippensburg U of PA	471	0	0	0	0	0	0	471	0	0	0
Slippery Rock U of PA	115	0	0	0	97	0	0	0	0	18	0
St Francis Col (Lrto PA)	1,124	0	0	1,100	0	0	0	0	0	24	0
St Josephs University	71	0	0	0	0	0	0	0	0	71	0
St Vincent College & Sem	170	0	0	0	0	0	0	0	88	82	0
Swarthmore College	834	0	0	2	0	20	0	0	0	812	0
Temple University	32,457	30	0	360	1,075	1,142	300	23,468	0	6,082	0
Thomas Jefferson U	47,199	160	0	1,017	717	242	260	44,469	0	334	0
University of PA	209,073	505	313	15,493	0	6,809	200	162,569	330	22,322	532
University of Pittsburgh	159,158	0	0	6,583	1,705	2,402	376	135,386	2,589	10,058	59
University of Scranton	3,707	0	0	3,536	0	0	0	0	0	171	0
Ursinus College	33	0	0	0	0	0	0	0	0	33	0
Villanova University	3,112	0	0	2,000	0	0	0	335	118	659	0
Waynesburg College	25	0	0	0	0	0	0	0	0	25	0
West Chester U of PA	714	0	0	0	0	0	90	0	0	624	0
Westmnstr Col (Nw W PA)	46	0	0	0	0	0	0	0	46	0	0
Widener U All Campuses	112	5	0	0	0	0	0	107	0	0	0
Wilkes University	35	0	0	0	0	0	0	9	0	26	0
Rhode Island, total	66,489	3,872	3,370	10,477	185	2,551	1,199	21,954	3,408	18,900	573
Brown University	39,692	0	35	6,526	0	2,532	0	16,610	2,322	11,533	134
Cmty Col Rhode Island	25	0	0	0	25	0	0	0	0	0	0
Providence College	120	0	0	0	0	0	0	0	0	120	0
Rhode Island College	285	0	0	0	0	0	0	285	0	0	0
U Rhode Island	26,367	3,872	3,335	3,951	160	19	1,199	5,059	1,086	7,247	439
South Carolina, total	97,197	17,506	4,189	6,406	1,137	18,252	556	32,278	1,373	14,813	687
Benedict College	816	0	0	0	0	200	0	597	19	0	0
Chestrfield Marlboro Tech	31	0	0	0	0	0	0	0	0	31	0
Citadel Military Col SC	28	20	0	0	0	0	0	0	8	0	0
Claflin College	655	0	0	0	190	39	0	0	0	426	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Carolina, continued:											
Clemson University	28,500	13,329	94	3,637	121	4,500	556	680	875	4,135	573
College of Charleston	390	0	0	15	0	0	0	0	192	183	0
Converse College	20	0	0	0	0	0	0	0	0	20	0
Erskine College	87	0	0	0	0	0	0	0	0	87	0
Francis Marion University	78	0	0	0	0	0	0	0	0	78	0
Furman University	612	0	0	0	0	0	0	136	0	476	0
Greenville Tech College	11	0	0	0	0	0	0	0	0	11	0
Medical U of S Carolina	29,826	0	27	0	0	5,861	0	22,573	0	1,365	0
Morris College	65	0	0	0	0	0	0	65	0	0	0
Piedmont Tech College	124	0	0	0	0	0	0	0	0	124	0
South Carolina St U	6,597	3,816	1,526	33	347	482	0	183	0	183	27
Tri County Tech College	50	0	0	0	0	0	0	0	0	50	0
Trident Technical College	56	0	0	0	0	0	0	0	0	56	0
U South Carolina	28,604	341	2,542	2,721	232	6,850	0	7,994	279	7,558	87
Voorhees College	297	0	0	0	247	0	0	50	0	0	0
Wofford College	30	0	0	0	0	0	0	0	0	30	0
York Technical College	320	0	0	0	0	320	0	0	0	0	0
South Dakota, total	17,738	7,937	0	53	139	0	194	2,206	2,565	4,174	470
Augustana Col (Sx Fls SD)	51	5	0	0	0	0	0	0	0	46	0
Black Hills State U	45	0	0	0	0	0	0	0	0	45	0
Mount Marty College	15	0	0	0	0	0	0	15	0	0	0
Oglala Lakota College	148	0	0	0	0	0	0	148	0	0	0
SD School Mines & Tech	4,476	0	0	53	0	0	0	0	2,495	1,893	35
Sinte Gleska University	613	0	0	0	108	0	0	0	0	505	0
South Dakota State U	8,978	7,918	0	0	0	0	194	171	39	221	435
U SD System Office	912	0	0	0	0	0	0	912	0	0	0
U South Dakota	2,500	14	0	0	31	0	0	960	31	1,464	0
Tennessee, total	200,248	26,219	101	14,962	2,258	7,037	919	125,587	6,610	15,084	1,471
Chattanooga St Tech CC	50	0	0	0	0	0	0	0	0	50	0
Christian Brothers U	51	0	0	11	0	0	0	0	40	0	0
East Tennessee State U	1,333	18	0	0	121	0	0	1,086	0	108	0
Fisk University	2,259	0	0	125	114	247	0	384	1,061	167	161
Knoxville College	247	0	0	198	0	0	0	0	0	49	0
Lane College	294	0	0	0	0	19	0	78	197	0	0
Meharry Medical College	14,923	0	0	804	0	0	0	12,668	22	1,429	0
Memphis State University	4,903	92	0	464	275	19	0	2,506	111	1,240	196
Middle Tennessee St U	314	278	0	0	0	36	0	0	0	0	0
Rhodes College	99	0	0	0	0	0	0	0	0	99	0
Southern Col 7 Day Advent	4	0	0	0	0	0	0	0	0	4	0
Southern Col of Optometry	76	0	0	0	0	0	0	76	0	0	0
Tennessee State U	10,745	5,835	0	2,033	0	100	0	1,521	1,069	100	87
Tennessee Technological U	920	0	0	0	0	157	250	81	20	262	150
U TN U Wide Admin Ctrl	2,831	0	0	1,679	411	29	0	221	0	266	225
U Tennessee Chattanooga	332	34	0	0	113	0	0	130	0	55	0
U Tennessee Knoxville	40,784	19,669	101	1,757	0	5,658	669	5,100	1,268	6,357	205
U Tennessee Martin	234	0	0	218	0	0	0	0	0	16	0
U Tennessee Memphis	21,710	18	0	156	0	30	0	20,111	291	792	312
Vanderbilt University	98,139	275	0	7,517	1,224	742	0	81,625	2,531	4,090	135

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, total	725,552	50,238	3,633	86,889	7,763	27,430	10,721	413,424	36,651	85,573	3,230
Abilene Christian U	107	0	0	0	0	107	0	0	0	0	0
Alamo CC District	127	0	0	0	26	0	0	0	0	100	1
Alvin Community College	248	0	0	0	0	0	0	0	0	248	0
Amarillo College	630	0	0	0	0	0	0	0	0	630	0
Austin Cmty Col (Astn TX)	72	0	0	0	0	0	0	0	0	72	0
Austin College	52	0	0	0	0	0	0	0	0	52	0
Baylor Col of Dentistry	558	0	0	0	0	0	0	558	0	0	0
Baylor Col of Medicine	104,211	8,985	232	1,094	0	1,130	175	90,297	852	1,446	0
Baylor University	1,379	0	0	0	935	0	0	118	209	117	0
Brookhaven College	2,276	0	0	0	0	2,276	0	0	0	0	0
El Paso Cmty College	2	0	0	0	0	0	0	0	0	0	2
Houston Community College	625	0	0	0	0	0	0	0	210	415	0
Incarnate Word College	84	0	0	0	0	0	0	34	0	50	0
Jarvis Christian College	272	0	0	89	60	0	0	123	0	0	0
Kilgore College	21	0	0	0	0	0	0	0	0	21	0
Lamar U Beaumont	3,254	0	0	0	432	172	2,500	100	50	0	0
Lamar U Orange	900	0	900	0	0	0	0	0	0	0	0
Le Tourneau University	30	0	0	30	0	0	0	0	0	0	0
Midwestern State U	100	6	0	0	0	0	0	0	0	94	0
Our Lady of the Lake U	519	0	0	166	353	0	0	0	0	0	0
Palo Alto College	4	0	0	0	0	0	0	0	0	0	4
Prairie View A&M U	9,938	6,398	0	101	0	936	0	486	1,917	58	42
Rice University	29,996	45	0	3,807	0	1,886	1,277	4,672	2,878	15,351	80
SW Christian College	124	0	0	0	124	0	0	0	0	0	0
Sam Houston State U	104	68	0	0	0	0	0	0	36	0	0
Southern Methodist U	3,167	70	0	626	0	727	50	640	47	1,007	0
Southwest Texas Jr Col	19	0	0	0	0	0	0	0	0	19	0
Southwest Texas St U	2,287	8	0	50	234	0	0	557	52	1,386	0
Southwestern U TX	13	0	0	0	0	0	0	0	0	13	0
St Edwards University	84	5	0	0	0	0	0	0	0	79	0
St Marys U San Antonio	373	0	0	0	31	0	0	260	0	82	0
Stephen F Austin St U	690	281	0	0	378	0	0	0	0	0	31
TX A&M U Corpus Christi	103	0	0	33	0	0	0	47	0	0	23
TX A&M U Kingsville	655	152	0	199	0	0	0	0	76	228	0
Tarleton State University	377	0	0	0	0	0	0	283	0	94	0
Texas A&M U Sys Off	2,139	0	0	0	649	939	0	251	0	0	300
Texas A&M University	89,252	32,633	2,137	9,706	0	4,339	1,265	17,855	4,603	15,152	1,562
Texas Christian U	1,605	0	0	132	0	0	0	870	0	603	0
Texas Lutheran College	38	0	0	2	0	0	0	0	0	36	0
Texas Southern U	4,912	0	0	0	241	0	658	3,427	586	0	0
Texas Southmost College	183	0	0	0	0	0	0	0	183	0	0
Texas State Tech Col	654	0	0	0	0	0	0	0	0	654	0
Texas Tech University	7,031	425	0	882	336	186	1,012	2,630	433	948	179
Texas Wesleyan University	121	0	0	0	0	0	0	121	0	0	0
Texas Womans University	1,287	0	0	0	286	0	0	894	63	44	0
Trinity University	873	0	0	0	0	0	0	482	0	391	0
U N TX Hlth Sci Ctr	4,246	0	0	0	0	0	0	4,097	0	149	0
U North Texas	4,021	90	0	947	1,384	300	364	401	72	463	0
U TX Arlington	12,926	0	0	7,274	190	571	716	213	348	3,614	0
U TX Austin	124,128	467	187	54,555	1,100	12,231	337	19,882	9,483	25,638	248
U TX Dallas	4,742	0	0	1,267	0	97	0	1,376	642	1,309	51

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued:											
U TX El Paso	11,393	0	0	677	120	0	1,000	3,041	749	5,743	63
U TX Hlth Sci Ctr Houstn	46,422	435	0	295	0	0	204	44,801	346	341	0
U TX Hlth Sci Ctr S Anto	52,408	0	0	71	0	0	0	51,507	161	669	0
U TX MD Anderson Cancer	49,500	0	0	1,719	0	0	64	47,553	0	164	0
U TX Med Brnch Galveston	33,821	130	0	303	0	491	657	31,475	393	372	0
U TX Pan American	1,500	0	0	0	218	0	0	583	428	271	0
U TX Permian Basin	62	0	0	44	0	0	0	0	0	18	0
U TX SW Med Ctr Dallas	77,368	0	0	184	391	0	0	74,006	1,771	1,016	0
U TX San Antonio	3,220	0	0	100	0	4	0	1,911	870	335	0
U TX System Off	1,898	25	0	0	0	44	0	1,195	0	0	634
U of Houston	20,168	15	177	1,240	85	994	442	6,470	6,194	4,541	10
U of Houston Clear Lake	3,220	0	0	0	0	0	0	174	2,999	47	0
U of Houston Downtown Col	662	0	0	0	0	0	0	0	0	662	0
U of Houston Sys Admin	1,296	0	0	1,296	0	0	0	0	0	0	0
U of St Thomas (Hstn TX)	11	0	0	0	0	0	0	0	0	11	0
University of Dallas	747	0	0	0	0	0	0	0	0	747	0
West Texas A&M U	34	0	0	0	0	0	0	34	0	0	0
Wiley College	263	0	0	0	190	0	0	0	0	73	0
Utah, total	152,271	9,709	344	29,252	2,377	3,893	2,270	67,683	13,912	20,493	2,338
Brigham Young University	6,114	2	0	1,065	0	139	0	869	271	3,721	47
College of Eastern Utah	106	0	0	0	106	0	0	0	0	0	0
Southern Utah University	1,476	0	0	0	0	50	0	1,426	0	0	0
University of Utah	98,827	196	249	6,651	473	3,598	2,000	60,234	10,255	13,671	1,500
Utah Higher Ed Sys Off	28	0	0	0	0	28	0	0	0	0	0
Utah State University	45,689	9,511	95	21,536	1,798	78	270	5,154	3,386	3,070	791
Weber State University	31	0	0	0	0	0	0	0	0	31	0
Vermont, total	41,086	7,107	0	798	1,499	563	204	26,293	313	4,158	151
Lyndon State College	10	10	0	0	0	0	0	0	0	0	0
Middlebury College	836	0	0	0	0	0	0	40	84	712	0
Norwich University	18	0	0	0	0	0	0	0	18	0	0
St Michaels College	84	0	0	0	0	0	0	0	0	84	0
University of Vermont	40,007	7,097	0	798	1,399	563	204	26,253	211	3,331	151
Vermont Technical College	131	0	0	0	100	0	0	0	0	31	0
Virginia, total	238,784	22,736	1,356	26,577	5,277	8,243	1,472	108,191	22,231	32,040	10,661
College of William & Mary	8,597	18	978	1,021	326	313	74	283	2,577	2,844	163
Dabney Lancaster Cmty Col	10	10	0	0	0	0	0	0	0	0	0
Eastern Mennonite U	21	0	0	0	0	0	0	0	0	21	0
Eastern VA Medical Schl	10,750	0	0	0	0	0	0	4,493	132	0	6,125
Ferrum College	68	0	0	0	0	0	0	0	0	68	0
George Mason University	8,548	50	92	5,488	0	124	80	207	768	1,424	315
Hampden Sydney College	120	0	0	0	0	0	0	0	62	58	0
Hampton University	11,975	0	0	2,543	1,449	928	123	566	3,783	2,532	51
Hollins College	26	0	0	0	0	0	0	0	0	26	0
J Sgt Reynolds Cmty Col	30	0	0	30	0	0	0	0	0	0	0
James Madison University	756	50	0	91	246	0	0	0	0	369	0
Longwood College	29	0	0	0	0	0	0	0	29	0	0
Lynchburg College	196	0	0	0	0	0	0	0	0	196	0
Mary Baldwin College	75	0	0	0	0	0	0	0	0	75	0
Mary Washington College	25	0	0	0	0	0	0	0	0	0	25

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Virginia, continued:											
Marymount University	18	0	0	0	0	0	0	0	0	18	0
Mountain Empire Cmty Col	42	0	0	0	0	0	0	0	0	42	0
Norfolk State University	1,015	0	0	0	0	67	0	332	590	26	0
Northern VA Community Col	100	0	0	0	0	0	0	100	0	0	0
Old Dominion University	8,383	177	0	672	179	228	0	321	5,295	1,511	0
Radford University	133	0	64	0	0	0	0	16	30	23	0
Randolph Macon College	131	0	0	0	0	0	0	0	0	131	0
Randolph Macon Womans Col	28	0	8	0	0	0	0	0	0	20	0
Shenandoah University	71	0	0	0	71	0	0	0	0	0	0
St Pauls College VA	193	0	0	0	0	0	0	193	0	0	0
Sweet Briar College	82	0	0	0	0	0	0	0	0	82	0
Tidewater Community Col	27	0	0	0	0	19	0	0	0	8	0
University of Richmond	205	0	0	28	0	94	0	0	0	83	0
University of Virginia	84,471	85	50	6,091	1,169	3,195	324	55,392	4,246	12,567	1,352
VA Polytech Inst & St U	51,296	18,004	164	10,221	226	2,885	543	3,691	4,492	8,489	2,581
Virginia Commonwealth U	45,647	0	0	381	1,398	293	226	42,172	227	901	49
Virginia Military Inst	75	0	0	0	0	0	0	0	0	75	0
Virginia State University	4,793	4,342	0	11	0	97	102	241	0	0	0
Virginia Union University	397	0	0	0	213	0	0	184	0	0	0
Washington & Lee U	156	0	0	0	0	0	0	0	0	156	0
Wytheville Community Col	295	0	0	0	0	0	0	0	0	295	0
Washington, total	366,473	27,446	8,812	31,845	2,740	17,433	1,305	212,156	9,741	51,098	3,897
Central Washington U	219	0	0	0	0	16	0	99	104	0	0
Columbia Basin College	1	0	0	0	0	0	0	0	0	0	1
Eastern Washington U	1,913	0	0	0	0	0	0	1,661	0	0	252
Edmonds Community College	2,554	0	0	0	0	0	0	2,554	0	0	0
Evergreen State College	508	0	0	0	5	0	0	0	0	503	0
Gonzaga University	522	0	0	37	0	0	0	173	0	244	68
Heritage College	277	0	0	0	189	0	0	0	0	88	0
J Bastyr Naturopathic Med	840	0	0	0	0	0	0	840	0	0	0
Lower Columbia College	1,015	0	0	0	0	0	0	1,015	0	0	0
Northwest Indian College	59	0	0	0	0	0	0	0	54	0	5
Olympic College	1	0	0	0	0	0	0	0	0	0	1
Pacific Lutheran U	165	0	0	0	0	19	0	24	0	122	0
Pierce College	28	0	0	0	0	0	0	0	0	28	0
Seattle Community College	192	0	0	0	0	0	0	0	0	192	0
Seattle Pacific U	19	0	0	0	0	0	0	19	0	0	0
Seattle University	257	0	0	58	63	0	0	0	0	136	0
Skagit Valley College	1,626	0	0	0	0	0	0	1,626	0	0	0
Spokane Community College	75	0	0	0	0	0	0	0	0	57	18
St Martins College	12	0	0	0	0	0	0	0	0	12	0
Tacoma Community College	21	0	0	0	0	0	0	0	0	21	0
University of Washington	309,554	5,244	8,534	29,329	2,125	14,317	236	195,697	9,076	42,139	2,857
Washington State U	43,843	22,202	105	2,108	126	2,821	880	8,448	490	5,968	695
Western Washington U	2,676	0	173	311	232	260	189	0	17	1,494	0
Whatcom Community College	9	0	0	0	0	0	0	0	0	9	0
Whitman College	87	0	0	2	0	0	0	0	0	85	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
West Virginia, total	54,660	8,793	765	1,480	857	4,893	3,240	8,208	23,427	551	2,446
Bethany Col (Bethany, WV)	14	0	0	0	0	0	0	0	0	14	0
Col of West Virginia	594	0	0	0	0	594	0	0	0	0	0
Concord College	292	0	0	0	0	0	0	292	0	0	0
Fairmont State College	190	16	0	0	0	0	0	0	100	74	0
Marshall University	2,040	36	0	95	84	0	0	1,673	44	97	11
WV University (Morgantwn)	31,131	8,741	0	1,385	557	4,299	3,240	6,243	3,890	341	2,435
West Virginia Wesleyn Col	33	0	0	0	0	0	0	0	8	25	0
Wheeling Jesuit College	20,366	0	765	0	216	0	0	0	19,385	0	0
Wisconsin, total	313,925	24,926	3,618	36,097	4,765	19,126	2,924	154,908	14,325	52,236	1,000
Alverno College	31	0	0	0	0	0	0	0	0	31	0
Beloit College	668	0	0	0	0	0	0	92	81	495	0
Carroll Col (Waukesha WI)	90	0	0	0	0	0	0	0	0	90	0
Carthage College	29	0	0	0	0	0	0	0	0	29	0
Fox Valley Technical Col	75	0	0	0	0	0	0	0	0	75	0
Lac Courte Ojibwa CC	90	0	0	0	90	0	0	0	0	0	0
Lawrence University	123	0	0	0	0	0	0	0	0	123	0
Madison Area Tech College	450	0	0	0	0	0	0	0	0	450	0
Marquette University	3,222	90	0	0	205	87	198	1,094	462	1,042	44
Medical College WI	46,591	0	0	15,320	105	0	0	30,609	371	186	0
Milwaukee School of Eng	37	0	0	0	0	0	0	0	0	37	0
Northland College	17	0	0	0	0	0	0	0	0	17	0
Ripon College	49	0	0	0	0	0	0	0	0	49	0
St Norbert College	318	0	0	0	0	0	0	0	0	318	0
U WI Center System	84	12	0	12	0	0	0	60	0	0	0
U WI Eau Claire	885	0	0	0	0	207	0	249	0	427	2
U WI Green Bay	327	0	0	0	205	0	0	122	0	0	0
U WI La Crosse	362	0	0	0	183	0	0	0	0	179	0
U WI Madison	238,353	22,567	502	19,842	127	18,265	1,756	117,596	12,756	44,548	394
U WI Milwaukee	6,852	0	0	752	396	468	0	2,646	655	1,897	38
U WI Oshkosh	2,671	100	0	0	0	0	0	2,343	0	228	0
U WI Parkside	255	140	0	18	0	0	0	97	0	0	0
U WI River Falls	1,010	72	0	0	0	0	0	0	0	938	0
U WI Stevens Point	2,487	1,945	0	65	0	0	0	0	0	476	1
U WI Stout	1,503	0	565	0	938	0	0	0	0	0	0
U WI Superior	1,030	0	0	0	0	0	970	0	0	60	0
U WI System Office	5,968	0	2,551	88	2,409	99	0	0	0	300	521
U WI Whitewater	348	0	0	0	107	0	0	0	0	241	0
Wyoming, total	18,649	5,793	0	2,407	205	383	40	911	1,130	6,715	1,065
Northwest Col (Powl WY)	57	0	0	0	0	0	0	0	0	57	0
University of Wyoming	18,445	5,646	0	2,407	205	383	40	911	1,130	6,658	1,065
Western Wyoming Cmty Col	147	147	0	0	0	0	0	0	0	0	0
Guam, total	3,427	2,313	0	211	0	0	0	568	0	130	205
University of Guam	3,427	2,313	0	211	0	0	0	568	0	130	205
Puerto Rico, total	54,801	12,755	588	1,050	1,847	1,303	494	24,861	2,549	9,153	201
American U Puerto Rico	1,827	0	577	0	0	1,250	0	0	0	0	0
Caribbean University	137	0	0	0	137	0	0	0	0	0	0
Catholic U of PR	550	0	0	0	305	0	0	245	0	0	0
Huertas Junior College	50	0	0	0	0	0	0	0	0	50	0
Inter Am U PR Ctrl Off	1,676	0	0	0	752	0	0	178	0	746	0

See explanatory information, if any, and SOURCE at end of table.

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Puerto Rico, continued:											
Inter Am U PR Metropol	108	0	0	0	0	0	0	108	0	0	0
Inter Am U PR San German	24	0	0	0	0	0	0	24	0	0	0
Ponce School of Medicine	3,316	0	0	0	0	0	0	3,316	0	0	0
U Central Del Caribe	2,242	0	0	0	0	0	0	2,242	0	0	0
U PR Carolina Reg Col	71	0	0	0	71	0	0	0	0	0	0
U PR Cayey U Col	355	0	0	0	0	0	0	287	0	68	0
U PR Humacao U Col	852	0	0	200	0	0	0	598	54	0	0
U PR Mayaguez	17,081	12,625	0	113	0	53	0	753	804	2,632	101
U PR Medical Sci	13,443	130	0	0	0	0	0	13,090	152	71	0
U PR Rio Piedras	6,116	0	0	444	235	0	0	3,630	1,539	268	0
U PR System Off	6,458	0	11	293	68	0	394	390	0	5,202	100
U of the Sacred Heart	48	0	0	0	0	0	0	0	0	48	0
Universidad Del Turabo	61	0	0	0	61	0	0	0	0	0	0
Universidad Metropolitana	293	0	0	0	125	0	100	0	0	68	0
Universidad Politec PR	93	0	0	0	93	0	0	0	0	0	0
American Samoa, total	1,299	1,293	0	0	6	0	0	0	0	0	0
American Samoa Cmty Col	1,299	1,293	0	0	6	0	0	0	0	0	0
Virgin Islands, total	2,824	2,047	0	0	0	0	0	771	0	0	6
U of the Virgin Islands	2,824	2,047	0	0	0	0	0	771	0	0	6
Trust Territory of the Pacific Islands, total	2,323	2,158	0	0	30	0	0	135	0	0	0
Col of Micronesia FSM	1,010	980	0	0	30	0	0	0	0	0	0
Northern Marianas College	1,313	1,178	0	0	0	0	0	135	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
United States, total	11,768,416	470,063	84,156	1,600,586	33,887	580,985	134,603	6,402,384	634,500	1,679,229	148,023
Alabama, total	178,832	11,945	384	16,773	1,300	2,575	1,823	107,707	23,973	10,461	1,891
Alabama A & M University	6,970	2,298	0	1,873	0	0	0	0	1,157	1,611	31
Alabama State University	56	0	0	0	0	0	0	0	0	56	0
Auburn University	19,193	6,828	108	3,221	0	648	383	1,487	2,861	2,431	1,226
Birmingham Southern Col	112	0	0	0	0	0	0	0	0	112	0
Jacksonville State U	32	0	0	0	0	0	0	32	0	0	0
Oakwood College	164	0	0	0	0	0	0	0	164	0	0
Selma University	306	0	0	0	0	0	0	0	205	0	101
Spring Hill College	19	0	0	0	0	0	0	0	0	19	0
Talladega College	428	0	0	0	0	0	0	289	0	139	0
Trenholm St Tech Col	178	0	0	0	0	0	0	0	178	0	0
Troy St U Main	33	0	0	8	0	0	0	0	0	25	0
Tuskegee University	7,955	2,425	0	858	0	88	0	1,720	2,058	806	0
U Alabama Birmingham	104,409	83	0	2,871	1,300	713	454	92,738	4,807	1,443	0
U Alabama Huntsville	21,924	25	0	7,205	0	337	986	333	11,747	1,291	0
U Alabama Sys Off	386	0	0	271	0	0	0	75	0	0	40
U South Alabama	9,195	286	276	218	0	44	0	7,880	48	443	0
University of Alabama	7,472	0	0	248	0	745	0	3,153	748	2,085	493
Alaska, total	35,716	1,742	2,706	1,576	0	473	128	2,010	12,664	11,325	3,092
U Alaska Anchorage	2,250	64	0	0	0	0	0	1,576	319	0	291
U Alaska Fairbanks	31,747	1,678	2,569	90	0	377	128	434	12,345	11,325	2,801
U Alaska Southeast	137	0	137	0	0	0	0	0	0	0	0
U Alaska System Higher Ed	1,582	0	0	1,486	0	96	0	0	0	0	0
Arizona, total	176,891	6,259	557	20,266	1,113	5,192	2,705	60,313	49,804	27,655	3,027
Arizona State U Main	25,334	495	110	6,094	0	1,457	523	6,178	2,192	8,123	162
Arizona Western College	5	0	0	0	0	0	0	0	0	0	5
Maricopa CC Sys Off	2,038	0	0	0	0	0	0	0	0	2,038	0
Mesa Community College	82	0	0	0	0	0	0	0	0	82	0
Navajo Community College	227	0	0	0	0	0	0	0	77	150	0
Northern Arizona U	5,015	292	40	0	638	194	545	1,029	212	1,282	783
Prescott College	20	0	0	0	0	0	0	0	0	0	20
South Mountain Cmty Col	134	0	0	134	0	0	0	0	0	0	0
University of Arizona	144,036	5,472	407	14,038	475	3,541	1,637	53,106	47,323	15,980	2,057
Arkansas, total	37,544	10,072	0	5,343	1,544	279	298	15,650	740	2,752	866
Arkansas State University	101	0	0	0	0	0	0	0	57	44	0
Arkansas Tech University	65	65	0	0	0	0	0	0	0	0	0
Hendrix College	104	0	0	0	0	0	0	104	0	0	0
Lyon College	58	0	0	0	0	0	0	0	0	58	0
Philander Smith College	65	0	0	0	0	0	0	65	0	0	0
U Arkansas Little Rock	2,941	0	0	576	0	53	0	1,334	544	426	8
U Arkansas Main	17,706	7,524	0	4,469	1,544	207	35	880	139	2,087	821
U Arkansas Pine Bluff	1,685	1,636	0	0	0	19	0	0	0	0	30

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Arkansas, continued:											
U Arkansas Sys Off	548	250	0	298	0	0	0	0	0	0	0
U Arkansas for Med Sci	14,271	597	0	0	0	0	263	13,267	0	137	7
California, total	1,622,395	22,316	12,157	183,717	1,895	82,584	9,768	902,303	151,572	241,797	14,286
Butte College	50	0	0	0	0	0	0	0	0	50	0
CA Inst Integral Studies	370	0	0	0	0	370	0	0	0	0	0
CA Schl Prof Psych Bk/Alm	10	0	0	0	0	0	0	10	0	0	0
CA St Poly U Pomona	795	52	0	0	0	0	0	0	0	743	0
CA St U Chico	423	50	0	0	0	0	0	0	25	348	0
CA St U Dominguez Hills	624	0	0	0	0	0	0	0	0	624	0
CA St U Fresno	554	30	0	0	0	0	0	100	62	362	0
CA St U Fullerton	1,289	0	0	0	0	61	0	239	0	989	0
CA St U Hayward	561	13	0	0	0	0	85	18	0	445	0
CA St U Long Beach	2,626	0	0	233	0	0	0	1,800	50	543	0
CA St U Los Angeles	3,376	0	0	43	0	51	0	694	497	2,091	0
CA St U Northridge	1,359	0	0	117	0	78	0	118	114	932	0
CA St U Sacramento	154	0	0	0	0	0	0	0	0	154	0
CA St U San Bernardino	463	0	0	0	0	0	0	67	0	396	0
CA St U San Marcos	88	50	0	38	0	0	0	0	0	0	0
CA St U Stanislaus	80	0	0	0	0	0	0	80	0	0	0
CA State Poly U San Luis	1,139	54	0	578	0	0	0	0	349	158	0
CA State U System Office	504	2	0	0	0	0	0	0	0	0	502
California Inst of Tech	83,772	0	0	16,960	0	8,959	130	19,763	27,839	8,886	1,235
Charles Drew U Med & Sci	5,037	0	0	0	0	0	0	5,037	0	0	0
Claremont McKenna College	22	0	0	0	0	0	0	0	22	0	0
Col Osteo Med of Pacific	65	0	0	0	0	0	0	65	0	0	0
Columbia Col Sonora	119	0	0	119	0	0	0	0	0	0	0
Cypress College	42	0	0	0	0	0	0	0	42	0	0
Deep Springs College	18	0	0	0	0	0	0	0	0	18	0
East Los Angeles College	7	0	0	0	0	0	0	0	0	7	0
Fielding Institute	27	0	0	0	0	0	0	0	0	27	0
Foothill Deanza CC SO	104	0	0	0	0	0	0	0	104	0	0
Harvey Mudd College	554	0	0	0	0	0	0	0	66	488	0
Humboldt State University	1,788	539	0	0	0	0	0	92	0	762	395
L A Col of Chiropractic	170	0	0	0	0	0	0	170	0	0	0
Loma Linda University	2,975	0	0	0	0	0	777	2,183	0	0	15
Loyola Marymount U	95	0	0	0	0	0	0	0	95	0	0
Mendocino College	19	0	0	0	0	0	0	0	0	19	0
Mills College	160	0	0	30	0	0	0	0	0	130	0
Mira Costa College	48	0	0	0	0	0	0	0	0	48	0
Occidental College	543	0	0	0	0	0	0	78	0	465	0
Pasadena City College	99	0	0	0	0	0	0	0	0	99	0
Pepperdine University	55	0	0	0	0	0	0	0	0	55	0
Peralta Cmty Col Sys Off	329	0	0	0	0	0	0	0	0	329	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
California, continued:											
Pitzer College	200	0	0	0	0	0	0	200	0	0	0
Point Loma Nazarene Col	24	0	0	0	0	0	0	0	0	24	0
Pomona College	242	5	0	0	0	0	0	97	0	140	0
Riverside Cmty College	28	0	0	0	0	0	0	0	0	28	0
San Diego CC Dist Off	182	0	0	182	0	0	0	0	0	0	0
San Diego State U	11,443	0	0	2,179	650	60	0	5,762	488	2,256	48
San Francisco State U	5,130	51	25	210	0	29	0	1,112	289	3,327	87
San Jose State University	10,248	0	0	644	0	200	0	213	4,913	4,054	224
Santa Clara University	473	0	0	0	0	0	0	0	223	250	0
Santa Monica College	1	0	0	0	0	0	0	0	0	0	1
St Mary's College of CA	22	0	0	0	0	0	0	0	0	22	0
Stanford University	262,438	0	176	37,419	0	6,712	3,058	127,303	55,557	31,234	979
U CA Berkeley	148,838	9,500	100	10,419	0	4,845	319	61,505	24,393	35,980	1,777
U CA Davis	98,856	7,743	0	2,986	648	14,339	2,126	52,006	2,102	16,002	904
U CA Irvine	66,146	410	0	6,801	0	3,864	45	40,947	2,246	11,796	37
U CA Los Angeles	221,820	232	112	20,914	0	19,963	1,146	152,896	8,365	17,745	447
U CA Office of Pres	13,557	39	11,177	0	0	300	0	35	0	2,000	6
U CA Riverside	19,441	2,800	0	621	0	1,800	359	7,292	1,771	4,754	44
U CA San Diego	218,272	314	24	26,620	0	10,189	461	122,508	13,087	40,669	4,400
U CA San Francisco	204,404	225	0	2,732	597	3,214	0	193,971	1,388	2,277	0
U CA Santa Barbara	60,008	64	223	19,655	0	3,560	790	6,027	3,734	24,590	1,365
U CA Santa Cruz	18,175	143	0	3,171	0	1,840	230	4,731	829	7,108	123
U San Francisco	719	0	0	0	0	0	0	0	285	434	0
U Southern California	149,909	0	320	31,046	0	2,150	242	94,222	2,637	17,595	1,697
University of San Diego	329	0	0	0	0	0	0	285	0	44	0
University of the Pacific	568	0	0	0	0	0	0	568	0	0	0
West Valley College	300	0	0	0	0	0	0	0	0	300	0
Westmont College	109	0	0	0	0	0	0	109	0	0	0
Colorado, total	240,566	8,489	8,342	21,673	266	8,505	2,037	123,748	20,891	42,629	3,986
Colorado College	595	0	0	50	0	0	0	0	0	545	0
Colorado School of Mines	4,675	49	69	857	0	666	668	342	430	1,305	289
Colorado State University	56,550	7,903	982	8,735	0	2,245	342	22,118	2,483	9,102	2,640
Fort Lewis College	176	0	0	0	0	0	0	0	0	55	121
Mesa State College	400	0	0	0	0	0	0	0	0	400	0
Natl Technological U	35	0	0	0	0	0	0	0	0	35	0
Otero Junior College	3,322	0	0	0	0	0	0	3,322	0	0	0
U Northern Colorado	744	0	0	0	0	0	0	89	1	645	9
U Southern Colorado	898	0	0	0	0	0	0	413	485	0	0
University of Colorado	166,455	537	7,291	10,400	266	5,594	895	95,475	16,203	28,867	927
University of Denver	6,716	0	0	1,631	0	0	132	1,989	1,289	1,675	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Connecticut, total	232,135	3,077	3,291	10,191	0	9,576	584	186,879	1,402	16,908	227
Central Connecticut St U	91	0	0	0	0	0	0	91	0	0	0
Connecticut College	15	15	0	0	0	0	0	0	0	0	0
Fairfield University	190	0	0	0	0	51	0	109	0	30	0
Quinnipiac College	14	0	0	0	0	0	0	14	0	0	0
Sacred Heart University	310	0	0	0	0	0	0	0	0	310	0
Southern Connecticut St U	49	0	0	0	0	0	0	49	0	0	0
Trinity Col (Hartford CT)	139	0	0	0	0	0	0	0	0	139	0
University of Connecticut	44,797	2,336	3,191	2,693	0	753	165	30,245	562	4,625	227
University of Hartford	220	0	0	0	0	0	0	0	20	200	0
University of New Haven	153	0	0	0	0	0	0	0	0	153	0
Wesleyan University	3,403	0	50	75	0	114	108	1,665	0	1,391	0
Yale University	182,754	726	50	7,423	0	8,658	311	154,706	820	10,060	0
Delaware, total	26,669	2,224	1,608	6,914	1,575	937	1,086	4,081	646	7,403	195
Delaware State University	618	530	0	61	0	0	0	0	19	8	0
University of Delaware	26,051	1,694	1,608	6,853	1,575	937	1,086	4,081	627	7,395	195
District of Columbia, total	111,571	832	516	22,331	910	2,756	463	65,919	7,128	8,215	2,501
American University	775	0	23	60	0	0	120	0	40	532	0
Catholic U of America	3,048	0	271	482	0	123	0	647	759	752	14
Gallaudet University	1,042	0	0	0	0	0	0	732	0	310	0
George Washington U	23,291	35	122	1,849	150	546	65	15,804	2,939	819	962
Georgetown University	61,119	100	39	16,734	0	0	141	42,464	0	441	1,200
Howard University	19,789	154	61	2,809	760	2,087	137	5,818	2,540	5,199	224
University of DC	2,507	543	0	397	0	0	0	454	850	162	101
Florida, total	260,285	12,170	3,410	41,965	69	17,048	2,036	116,516	16,068	47,632	3,371
Bethune Cookman College	88	0	0	0	0	0	0	0	88	0	0
Brevard Community College	50	0	0	0	0	0	0	0	0	50	0
Central Florida Cmty Col	200	0	0	0	0	200	0	0	0	0	0
Eckerd College	101	0	0	0	0	0	0	0	5	96	0
Edward Waters College	300	0	0	0	0	0	0	0	300	0	0
Embry Riddle Aeronautcl U	745	0	0	50	0	0	0	0	149	447	99
FL Cmty Col Jacksonville	25	0	0	0	0	0	0	0	0	25	0
Florida A&M University	12,714	1,195	0	1,441	0	4,055	0	1,985	2,259	1,779	0
Florida Atlantic U	4,650	0	0	1,766	0	0	0	1,034	1,147	703	0
Florida Inst of Tech	2,643	0	0	239	0	0	177	1,287	83	857	0
Florida International U	3,595	0	0	826	0	0	82	840	584	1,253	10
Florida State University	37,801	0	926	1,467	0	9,494	139	4,164	1,840	19,771	0
Indian River Cmty College	148	0	0	0	0	0	0	0	0	148	0
Jacksonville University	25	0	0	0	0	0	0	0	0	25	0
Nova Southeastern U	693	0	54	139	0	0	0	125	0	375	0
Rollins College	42	0	0	0	0	42	0	0	0	0	0
Santa Fe Cmty Col FL	54	0	0	0	0	0	0	0	0	54	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Florida, continued:											
State U System FL Sys Off	1,085	0	917	100	0	0	0	0	0	0	68
U Central Florida	10,675	46	0	7,993	69	0	165	372	886	1,144	0
U South Florida	25,668	110	285	10,886	0	306	117	6,654	2,383	2,582	2,345
U West Florida	1,782	0	93	611	0	0	699	251	15	113	0
University of Florida	73,037	10,689	312	8,524	0	1,855	164	39,955	2,696	7,993	849
University of Miami	83,694	130	823	7,923	0	1,096	493	59,680	3,633	9,916	0
University of N Florida	447	0	0	0	0	0	0	169	0	278	0
University of Tampa	23	0	0	0	0	0	0	0	0	23	0
Georgia, total	232,269	12,509	701	37,445	250	19,265	10,593	116,845	7,059	25,721	1,881
Agnes Scott College	23	23	0	0	0	0	0	0	0	0	0
Atlanta Metropolitan Col	46	0	0	0	0	0	0	0	0	46	0
Clark Atlanta University	22,097	168	0	4,315	0	5,913	5,751	1,922	1,990	1,938	100
Covenant College	17	0	0	0	0	0	0	0	0	17	0
Emory University	75,391	0	0	623	125	398	0	71,792	63	2,390	0
Fort Valley State College	2,367	2,000	0	0	0	242	0	0	0	125	0
Georgia Institute of Tech	51,372	0	150	29,641	0	994	3,756	2,252	4,344	9,108	1,127
Georgia Southern U	328	0	0	0	0	0	0	288	20	20	0
Georgia State University	6,179	0	0	28	0	148	0	4,613	313	1,077	0
Kennesaw State College	291	0	0	0	0	0	25	109	0	157	0
Medical College GA	11,923	0	0	0	0	0	0	11,923	0	0	0
Mercer University	1,192	0	0	495	0	0	0	545	0	152	0
Morehouse College	754	0	0	200	0	6	109	242	0	197	0
Morehouse School of Med	8,420	0	0	0	0	0	0	8,191	225	4	0
Morris Brown College	1,174	0	0	905	0	0	0	254	0	15	0
Paine College	155	0	0	0	0	155	0	0	0	0	0
Savannah State College	34	0	0	0	0	0	0	0	0	34	0
Spelman College	353	0	0	0	0	0	0	0	0	353	0
U System of Georgia	1,098	0	551	0	0	0	0	0	0	0	547
University of Georgia	48,882	10,318	0	1,238	125	11,409	952	14,616	104	10,013	107
West Georgia College	173	0	0	0	0	0	0	98	0	75	0
Hawaii, total	62,203	10,873	6,337	3,710	0	2,656	0	17,240	6,777	13,320	1,290
U Hawaii Hilo	1,932	1,410	0	0	0	522	0	0	0	0	0
U Hawaii Manoa	50,628	9,463	40	3,539	0	241	0	16,151	6,777	13,320	1,097
U Hawaii System Off	9,643	0	6,297	171	0	1,893	0	1,089	0	0	193
Idaho, total	19,120	5,201	47	749	0	175	789	2,423	149	4,406	5,181
Boise State University	1,286	0	47	567	0	0	0	0	0	671	1
Idaho State University	642	28	0	0	0	175	0	100	25	314	0
North Idaho College	1,379	0	0	0	0	0	0	1,354	0	25	0
University of Idaho	15,813	5,173	0	182	0	0	789	969	124	3,396	5,180

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Illinois, total	440,536	11,449	941	45,745	2,317	22,190	886	226,747	9,838	116,797	3,626
Augustana Col (Rk Isl IL)	53	0	0	0	0	0	0	0	0	53	0
Bradley University	583	0	0	0	0	0	0	0	0	583	0
Chicago State University	214	0	0	0	0	0	0	0	0	214	0
City Colleges of Chicago	1,285	0	0	0	0	1,285	0	0	0	0	0
De Paul University	523	0	0	12	0	0	0	60	0	451	0
Eastern Illinois U	99	0	0	0	0	0	0	99	0	0	0
Finch U Hlth Sci	4,865	0	0	0	0	0	0	4,847	0	18	0
Illinois Inst of Tech	10,797	0	0	8,847	0	461	102	664	135	588	0
Illinois State University	1,701	72	0	117	0	0	0	560	0	952	0
Knox College	215	0	0	0	0	0	0	147	0	68	0
Lake Forest College	131	0	0	0	0	0	0	0	0	131	0
Loyola U Chicago	10,518	0	0	267	0	0	80	9,388	0	783	0
Midwestern University	97	0	0	0	0	0	0	97	0	0	0
Natl Col of Chiropractic	134	0	0	0	0	0	0	134	0	0	0
Northern Illinois U	4,162	0	0	228	0	252	0	1,128	0	2,554	0
Northwestern University	99,896	340	50	10,226	1,397	4,120	100	58,201	1,868	20,573	3,021
Rush University	912	0	0	0	0	0	0	912	0	0	0
Sangamon State University	68	0	0	0	0	0	0	0	0	68	0
Southern IL U Carbondale	8,039	951	0	40	0	284	30	5,819	101	760	54
Southern IL U Edwardsvlle	883	0	0	0	0	0	0	104	107	672	0
Southern IL University	5,643	37	0	0	0	0	0	5,602	0	0	4
U IL Central Office	6,887	115	336	6,416	0	0	0	0	0	0	20
U IL Chicago	60,139	220	207	3,455	670	678	334	46,595	240	7,740	0
U IL at Urbana-Champaign	119,674	9,493	0	12,858	125	11,143	160	23,323	2,971	59,074	527
University of Chicago	102,363	157	348	3,207	0	3,967	0	68,970	4,416	21,298	0
Western Illinois U	456	64	0	72	125	0	80	97	0	18	0
William Rainey Harper Col	199	0	0	0	0	0	0	0	0	199	0
Indiana, total	178,422	11,629	711	10,942	206	16,314	999	85,059	4,911	43,610	4,041
Ball State University	581	0	0	47	0	0	0	459	3	72	0
De Pauw University	52	0	0	0	0	0	0	0	11	41	0
Earlham College	19	0	0	0	0	0	0	0	19	0	0
Indiana St U All Campuses	420	37	0	0	0	0	0	102	26	255	0
Indiana University	82,941	145	0	1,695	122	3,296	338	59,479	1,118	16,556	192
Manchester College	53	0	0	0	0	0	0	0	53	0	0
Purdue University	77,870	11,327	663	7,894	84	8,860	466	21,060	2,724	20,958	3,834
Rose-Hulman Inst of Tech	129	0	0	0	0	0	0	0	0	129	0
University of Notre Dame	15,965	120	48	1,306	0	4,008	195	3,959	916	5,398	15
Valparaiso University	392	0	0	0	0	150	0	0	41	201	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Iowa, total	142,430	15,264	2,112	4,082	258	8,068	2,137	84,414	5,524	13,678	6,893
Clarke Col (Dubuque, IA)	46	0	0	0	0	0	0	0	0	46	0
Coe College	49	0	0	0	0	0	0	0	0	17	32
Dordt College	52	0	0	0	0	0	0	0	0	52	0
Drake University	77	0	0	0	0	0	0	0	28	49	0
Grinnell College	210	0	0	0	0	0	0	0	0	210	0
Iowa State University	45,780	14,845	1,940	1,632	0	7,123	2,137	5,655	936	5,811	5,701
Kirkwood Community Col	324	0	0	0	0	0	0	309	0	15	0
Loras College	140	0	0	0	0	0	0	0	0	140	0
Luther College	5	0	0	0	0	0	0	0	0	5	0
Maharishi U of Mgmt	956	0	0	0	0	0	0	956	0	0	0
North Iowa Area Cmty Col	22	0	0	0	0	0	0	0	0	22	0
Northwestern Col IA	23	0	0	0	0	0	0	0	0	23	0
U Northern Iowa	246	0	0	0	0	160	0	0	45	41	0
University of Iowa	94,500	419	172	2,450	258	785	0	77,494	4,515	7,247	1,160
Kansas, total	57,070	6,268	38	1,748	1,303	3,955	3,369	28,034	2,413	8,411	1,531
Emporia State University	57	0	0	0	0	0	0	0	0	57	0
Kansas State University	20,560	6,104	38	749	0	2,625	3,058	2,703	1,148	3,814	321
Pittsburg State U	65	0	0	0	0	0	0	0	0	65	0
Southwestern College KS	4	4	0	0	0	0	0	0	0	0	0
University of Kansas	34,886	160	0	972	1,303	1,200	311	24,825	1,042	4,475	598
Wichita State University	1,498	0	0	27	0	130	0	506	223	0	612
Kentucky, total	62,638	9,813	67	2,457	0	4,831	482	36,816	1,479	6,366	327
Bellarmine College	45	45	0	0	0	0	0	0	0	0	0
Centre College	15	0	0	0	0	0	0	0	15	0	0
Georgetown College	25	0	0	0	0	0	0	0	0	25	0
Kentucky State University	2,840	2,840	0	0	0	0	0	0	0	0	0
Northern Kentucky U	263	0	0	0	0	0	0	203	60	0	0
Thomas More College	25	0	0	0	0	0	0	0	0	25	0
University of Kentucky	48,581	6,928	67	1,239	0	4,518	370	28,763	553	5,816	327
University of Louisville	8,253	0	0	1,218	0	173	112	6,058	249	443	0
Western Kentucky U	2,591	0	0	0	0	140	0	1,792	602	57	0
Louisiana, total	122,099	8,394	1,294	21,583	0	12,421	5,169	56,103	2,314	10,217	4,604
Centenary College of LA	26	0	0	0	0	0	0	0	0	26	0
Dillard University	325	5	0	269	0	20	0	0	31	0	0
Grambling State U	309	0	0	100	0	0	0	187	0	0	22
LA St U System Office	142	142	0	0	0	0	0	0	0	0	0
LA U Marine Consortium	17	0	0	0	0	0	0	0	0	0	17
Louisiana College	61	61	0	0	0	0	0	0	0	0	0
Louisiana State U All Cmp	67,690	5,878	1,219	17,260	0	1,838	4,522	26,435	1,734	6,428	2,376
Louisiana Tech University	1,063	208	0	214	0	0	0	0	0	641	0
Loyola U New Orleans	276	0	0	0	0	0	0	0	0	276	0
McNeese State University	81	0	0	0	0	0	0	0	0	81	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Louisiana, continued:											
Northeast Louisiana U	737	0	0	0	0	0	80	281	0	376	0
Northwestern State U	11	0	0	0	0	0	0	0	11	0	0
Nunez Community College	27	0	0	0	0	0	0	0	0	27	0
Southeastern Louisiana U	90	20	0	0	0	0	0	0	13	57	0
Southrn U A&M Col All Cmp	5,572	1,735	0	1,197	0	293	391	1,349	254	353	0
Tulane University	40,907	290	75	1,886	0	10,098	141	24,984	140	1,305	1,988
U Southwestern Louisiana	3,079	52	0	258	0	0	0	2,142	131	295	201
Xavier University LA	1,686	3	0	399	0	172	35	725	0	352	0
Maine, total	14,163	4,640	1,749	1,769	0	172	928	1,866	179	2,617	243
Bates College	263	0	0	0	0	0	0	87	0	176	0
Bowdoin College	221	0	0	0	0	0	0	0	85	136	0
Colby College	29	0	0	0	0	0	0	0	0	29	0
College of the Atlantic	46	0	0	0	0	0	0	0	0	46	0
St Josephs Col ME	18	0	0	0	0	0	0	0	0	18	0
U Maine Farmington	11	0	0	0	0	0	0	0	0	11	0
U Maine Machias	77	0	77	0	0	0	0	0	0	0	0
U Maine System Office	1,672	0	1,672	0	0	0	0	0	0	0	0
University of Maine	10,408	4,640	0	1,769	0	172	928	756	79	1,821	243
University of S Maine	1,418	0	0	0	0	0	0	1,023	15	380	0
Maryland, total	778,083	6,988	4,162	361,674	0	14,306	4,590	315,782	30,947	38,433	1,201
Allegany Community Col	110	0	0	0	0	0	0	0	0	110	0
Bowie State University	132	0	0	90	0	0	0	0	42	0	0
Catonsville Cmty College	95	0	0	0	0	0	0	0	0	95	0
Charles County Cmty Col	14	0	0	0	0	0	0	0	14	0	0
Chesapeake College	25	0	0	0	0	0	0	0	0	25	0
Col of Notre Dame MD	186	0	0	0	0	0	0	0	0	186	0
Columbia Union College	663	0	0	0	0	0	0	663	0	0	0
Coppin State College	75	0	0	0	0	0	0	0	75	0	0
Frostburg State U	67	0	0	67	0	0	0	0	0	0	0
Goucher College	226	0	0	0	0	0	0	0	0	226	0
Harford Community College	43	0	0	0	0	0	0	0	0	43	0
Hood College	922	17	0	0	0	0	0	0	0	905	0
Johns Hopkins University	612,681	262	423	335,567	0	6,339	469	247,493	11,162	10,923	43
Loyola College	726	0	0	0	0	0	0	0	0	726	0
Montgomery College	50	0	0	0	0	0	0	0	0	50	0
Morgan State University	5,014	0	0	1,853	0	0	0	0	522	2,639	0
Mt St Marys Col & Seminry	683	6	0	0	0	0	0	0	0	677	0
Prince Georges Cmty Col	73	0	0	0	0	0	0	0	0	73	0
Salisbury State U	132	0	59	0	0	0	0	0	73	0	0
St Marys Col of MD	142	0	0	0	0	0	0	142	0	0	0
Towson State University	542	50	0	0	0	0	114	0	0	378	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Maryland, continued:											
U MD Baltimore	61,050	161	295	453	0	243	211	59,291	0	396	0
U MD Baltimore County	3,690	152	0	377	0	0	0	894	486	1,781	0
U MD College Park	80,617	5,417	3,376	19,045	0	7,572	1,833	6,827	18,414	16,975	1,158
U MD Eastern Shore	1,689	923	0	0	0	152	0	472	0	142	0
U MD University Col	177	0	0	0	0	0	0	0	0	177	0
U Maryland Sys Admin	3,968	0	9	3,959	0	0	0	0	0	0	0
U of MD Center for EES	3,885	0	0	25	0	0	1,963	0	159	1,738	0
University of Baltimore	238	0	0	238	0	0	0	0	0	0	0
Villa Julie College	35	0	0	0	0	0	0	0	0	35	0
Western Maryland College	133	0	0	0	0	0	0	0	0	133	0
Massachusetts, total	781,635	18,187	3,527	113,226	1,207	78,971	6,140	354,567	49,418	149,389	7,003
American Intl College	6	0	0	0	0	0	0	0	0	6	0
Amherst College	986	206	0	19	0	0	0	107	0	654	0
Assumption College	95	0	0	0	0	0	0	0	0	95	0
Bentley College	250	0	0	0	0	0	0	0	0	250	0
Boston College	7,897	0	0	2,903	0	384	112	1,976	38	2,131	353
Boston University	77,844	173	0	6,606	560	2,974	50	56,369	1,709	9,403	0
Brandeis University	19,342	0	0	472	0	1,226	0	13,007	375	4,262	0
Bridgewater State College	222	0	0	0	0	0	0	75	31	116	0
Clark University	1,439	0	40	104	0	223	58	486	118	410	0
Col of the Holy Cross	325	0	0	0	0	0	0	128	0	197	0
Five Colleges Inc	28	0	0	0	0	0	0	0	0	28	0
Franklin Inst Boston	19	0	0	0	0	0	0	0	0	19	0
Greenfield Community Col	83	0	0	0	0	0	0	0	0	83	0
Hampshire College	360	0	0	0	0	0	0	105	0	255	0
Harvard University	190,125	120	208	8,269	0	4,977	3,140	145,896	6,289	21,053	173
MA Inst of Technology	267,404	158	1,487	56,831	0	62,400	1,309	59,158	37,701	43,711	4,649
Middlesex Cmty Col MA	348	0	0	0	0	0	0	0	0	348	0
Mount Holyoke College	614	0	0	0	0	72	0	0	116	426	0
Northeastern University	12,126	180	0	2,567	0	846	111	3,291	22	5,109	0
Radcliffe College	367	0	0	367	0	0	0	0	0	0	0
Roxbury Community College	1	0	0	0	0	0	0	0	0	0	1
Salem State College	75	0	0	0	0	0	0	75	0	0	0
Simmons College	634	0	0	0	0	0	0	574	0	60	0
Smith College	571	0	0	21	0	0	0	320	0	230	0
Suffolk University	147	0	0	0	147	0	0	0	0	0	0
Tufts University	45,144	12,515	0	1,739	500	999	369	27,202	25	1,795	0
U MA Amherst	33,628	3,827	0	5,510	0	1,982	519	6,687	1,708	12,946	449
U MA Boston	2,651	189	0	389	0	108	28	1,202	0	735	0
U MA Central Office	551	0	229	0	0	0	0	0	0	0	322
U MA Dartmouth	2,377	819	0	80	0	0	0	0	0	1,478	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Massachusetts, continued:											
U MA Lowell	3,911	0	0	1,399	0	259	273	1,074	152	704	50
U MA Worcester	37,460	0	0	678	0	0	0	35,901	0	881	0
Wellesley College	1,171	0	0	0	0	0	71	745	49	306	0
Wentworth Inst of Tech	1,236	0	0	1,085	0	0	0	0	0	151	0
Wheelock College	147	0	0	0	0	0	0	0	0	147	0
Williams College	580	0	0	0	0	0	0	82	0	498	0
Woods Hole Oceangraphic	66,791	0	1,494	21,362	0	2,063	0	107	1,008	40,206	551
Worcester Polytech Inst	4,680	0	69	2,825	0	458	100	0	77	696	455
Michigan, total	378,445	15,593	1,138	35,952	537	12,766	9,686	221,681	11,066	67,480	2,546
Adrian College	23	0	0	0	0	0	0	0	0	23	0
Albion College	24	0	0	0	0	0	0	0	0	24	0
Alma College	35	0	0	0	0	0	0	0	31	4	0
Andrews University	5	0	0	0	0	0	0	0	0	5	0
Aquinas Col (Grnd Rpd MI)	24	0	0	0	0	0	0	0	0	24	0
Calvin College	231	0	0	0	0	0	0	97	0	134	0
Central Michigan U	467	0	0	0	0	0	0	155	0	312	0
Cnsrtm Intl Earth Sci Info	4,500	0	0	4,500	0	0	0	0	0	0	0
Davenport College	25	0	0	0	0	0	0	0	0	25	0
Eastern Michigan U	488	0	0	0	0	0	0	190	0	298	0
GMI Engineering Mgt Inst	78	0	0	0	0	0	0	0	0	78	0
Grand Rapids Cmty Col	23	0	0	0	0	0	0	0	0	23	0
Grand Valley State U	39	0	0	0	0	0	0	0	20	19	0
Henry Ford Community Col	130	0	0	0	0	0	0	0	0	130	0
Hope College	751	0	0	34	0	0	0	113	66	538	0
Kalamazoo College	201	0	0	0	0	0	0	92	0	109	0
Lake Michigan College	23	0	0	0	0	0	0	0	0	23	0
Lake Superior State U	75	0	0	0	0	0	0	0	0	75	0
Lawrence Technological U	50	0	0	0	0	0	0	0	0	50	0
Madonna University	104	0	0	0	0	0	0	0	0	104	0
Michigan State University	67,422	14,301	0	2,598	0	3,663	635	22,969	378	22,675	203
Michigan Tech University	8,552	591	68	2,934	0	1,270	1,275	0	428	1,955	31
Northern Michigan U	57	0	0	0	0	0	0	0	0	57	0
Oakland University	3,814	0	0	592	0	45	0	2,723	0	454	0
U of Detroit Mercy	2,486	90	0	141	0	0	50	115	0	2,090	0
University of Michigan	240,390	611	1,003	22,735	537	6,807	7,626	157,742	9,893	31,178	2,258
Wayne State University	45,430	0	67	2,326	0	786	100	37,198	207	4,692	54
West Shore Community Col	23	0	0	0	0	0	0	0	0	23	0
Western Michigan U	2,975	0	0	92	0	195	0	287	43	2,358	0
Minnesota, total	187,049	8,970	889	10,986	1,397	6,007	2,564	124,140	2,079	28,172	1,845
Arrowhead Cmty Colleges	272	0	0	0	0	0	0	0	0	272	0
Augsburg College	313	0	0	107	0	0	0	0	55	151	0
Carleton College	410	0	0	0	0	0	0	119	0	291	0
Concordia Col Moorhead	67	0	0	0	0	0	0	0	0	67	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Minnesota, continued:											
Gustavus Adolphus College	120	0	0	0	0	0	0	0	0	120	0
Hamline University	100	0	0	0	0	0	0	0	0	100	0
Luther Seminary	14	0	0	0	0	0	0	0	0	14	0
MN St Cols & Universities	1,113	0	0	0	0	0	0	1,113	0	0	0
Macalester College	178	0	0	0	0	0	111	0	0	67	0
Mankato State University	375	62	0	0	0	0	0	135	71	107	0
Moorhead State University	29	0	0	0	0	0	0	0	0	29	0
Northland Cmty & Tech Col	46	0	0	0	0	0	0	0	0	0	46
St Cloud State University	2,848	0	64	2,542	0	0	0	91	0	151	0
St Mary's Univ of MN	4	0	0	0	0	0	0	0	0	4	0
St Olaf College	1,265	0	0	0	0	0	0	133	0	1,132	0
U of St Thomas (St Pl MN)	47	0	0	0	0	0	0	0	0	47	0
University of Minnesota	179,848	8,908	825	8,337	1,397	6,007	2,453	122,549	1,953	25,620	1,799
Mississippi, total	46,681	14,097	515	6,695	801	4,866	270	11,690	1,404	4,978	1,365
Alcorn State University	1,717	1,689	0	0	0	0	0	28	0	0	0
Delta State University	23	0	0	0	0	0	0	0	0	23	0
Hinds Cmty Col Raymond	1	0	0	0	0	0	0	0	0	0	1
Jackson State University	3,772	0	0	555	0	457	0	837	33	1,890	0
MS AL Sea Grant Cnsrtm	515	0	515	0	0	0	0	0	0	0	0
Mississippi State U	20,535	9,767	0	2,373	801	3,952	270	460	1,010	1,637	265
Mississippi Valley St U	1	0	0	0	0	0	0	0	1	0	0
Rust College	178	10	0	163	0	0	0	0	0	0	5
U Southern Mississippi	4,979	1,035	0	2,152	0	135	0	847	175	635	0
University of Mississippi	14,960	1,596	0	1,452	0	322	0	9,518	185	793	1,094
Missouri, total	219,311	12,837	172	6,108	775	4,199	768	172,714	4,519	14,649	2,570
Avila College	3	0	0	0	0	0	0	0	0	3	0
Kirksville Col Osteo Med	668	0	0	0	0	0	200	468	0	0	0
Lincoln U (Jefrsn Cty MO)	2,358	2,208	0	0	0	0	0	0	0	0	150
Missouri Western St Col	33	0	0	33	0	0	0	0	0	0	0
North Central MO Col	1,272	0	0	0	0	0	0	1,272	0	0	0
Northeast Missouri St U	76	0	0	0	0	0	0	0	0	76	0
Rockhurst College	23	0	0	0	0	0	0	0	0	23	0
Southeast Missouri St U	117	33	0	0	0	0	0	0	78	6	0
Southwest Missouri St U	526	0	0	35	0	0	0	0	0	491	0
St Louis Community Col	129	0	0	0	0	0	0	0	0	0	129
St Louis University	20,633	205	0	67	0	0	0	19,055	218	546	542
U Missouri Columbia	29,320	9,188	0	632	775	774	456	12,138	436	4,344	577
U Missouri Kansas City	4,787	0	0	197	0	192	0	3,770	0	628	0
U Missouri Rolla	4,969	0	72	1,282	0	163	0	134	553	1,822	943
U Missouri St Louis	3,525	125	0	421	0	0	0	1,195	56	1,728	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Missouri, continued:											
U Missouri System Admin	1,012	270	79	267	0	307	0	0	0	0	89
Washington University	149,860	808	21	3,174	0	2,763	112	134,682	3,178	4,982	140
Montana, total	25,281	4,980	400	1,558	631	414	616	4,757	1,144	10,121	660
Carroll Col (Helena, MT)	9	9	0	0	0	0	0	0	0	0	0
MT State U Billings	12	0	0	0	0	0	0	0	12	0	0
MT Tech U of MT	422	0	0	275	0	0	0	0	0	147	0
Montana State U (Bozeman)	16,779	3,585	400	1,270	0	164	482	2,563	777	6,930	608
Montana U Sys Sys Off	1,591	0	0	0	0	0	0	0	0	1,591	0
Salish Kootenai College	75	0	0	0	0	0	0	73	0	0	2
University of Montana	6,393	1,386	0	13	631	250	134	2,121	355	1,453	50
Nebraska, total	40,176	8,761	0	3,712	0	789	259	19,139	1,345	5,787	384
Creighton University	4,698	0	0	1,111	0	108	0	3,389	90	0	0
U NE Ctrl Admin Sys Off	497	20	0	0	0	477	0	0	0	0	0
U Nebraska Lincoln	21,935	8,741	0	2,503	0	130	259	2,936	1,227	5,787	352
U Nebraska Med Ctr Omaha	12,944	0	0	98	0	0	0	12,814	0	0	32
U Nebraska Omaha	102	0	0	0	0	74	0	0	28	0	0
Nevada, total	27,328	2,168	209	205	0	4,041	5,015	6,556	427	6,768	1,939
Desert Research Institute	5,421	107	0	36	0	215	2,734	0	369	1,700	260
U & Cmty Col NV Sys Off	2,026	0	209	169	0	0	0	0	0	1,648	0
U Nevada Las Vegas	7,348	360	0	0	0	3,679	1,262	468	5	1,039	535
U Nevada Reno	12,533	1,701	0	0	0	147	1,019	6,088	53	2,381	1,144
New Hampshire, total	60,228	2,594	796	2,423	127	1,497	1,033	33,752	9,470	8,305	231
Dartmouth College	40,051	418	413	2,077	127	624	101	30,764	1,116	4,401	10
NH Tech Col Stratham	30	0	0	0	0	0	0	0	0	30	0
New Hampshire College	160	0	0	0	0	160	0	0	0	0	0
St Anselm College	57	0	0	0	0	0	0	0	0	57	0
U New Hampshire	19,201	2,176	0	0	0	713	932	2,988	8,354	3,817	221
U System of NH Sys Off	729	0	383	346	0	0	0	0	0	0	0
New Jersey, total	200,445	6,141	3,031	29,885	150	11,816	4,318	89,262	6,182	44,098	5,562
Camden County College	130	0	0	0	0	0	0	0	0	130	0
Drew University	81	0	0	34	0	0	0	47	0	0	0
Hudson Co Community Col	10	10	0	0	0	0	0	0	0	0	0
Kean Col of New Jersey	18	0	0	0	0	0	0	0	0	18	0
Middlesex County College	170	0	0	0	0	0	0	0	0	170	0
Monmouth University	175	0	0	102	0	0	0	0	0	73	0
NJ Inst of Technology	7,428	0	0	872	0	199	2,434	0	0	3,283	640
Princeton University	62,041	0	500	12,519	0	7,487	55	16,281	4,508	20,522	169
Ramapo College of NJ	821	0	0	0	0	0	0	0	0	821	0
Rowan Col of New Jersey	41	0	0	0	0	0	0	0	41	0	0
Rutgers the St U of NJ	64,394	6,051	2,531	6,851	0	3,917	1,069	23,489	1,565	14,673	4,248

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
New Jersey, continued:											
Seton Hall University	681	0	0	0	0	0	0	566	0	115	0
Stevens Institute of Tech	11,248	0	0	9,077	0	213	0	0	0	1,953	5
Trenton State College	1,112	0	0	0	0	0	0	4	0	1,108	0
U Med & Dent of NJ	52,020	80	0	430	150	0	760	48,800	68	1,232	500
William Paterson College	75	0	0	0	0	0	0	75	0	0	0
New Mexico, total	101,821	3,806	30	36,662	0	9,315	218	22,007	20,362	8,488	933
Col of the Southwest	15	0	0	0	0	0	0	0	0	0	15
Eastern New Mexico U	214	89	0	0	0	0	0	0	0	125	0
NM Inst Mining & Tech	4,924	0	0	2,452	0	775	0	0	40	1,500	157
New Mexico Highlands U	1,005	0	0	0	0	0	0	301	414	290	0
New Mexico State U	37,287	3,616	0	7,009	0	4,267	207	2,054	17,562	2,035	537
SW Indian Polytech Inst	20	0	0	0	0	0	0	0	0	20	0
University of New Mexico	58,306	51	30	27,201	0	4,273	11	19,652	2,346	4,518	224
Western New Mexico U	50	50	0	0	0	0	0	0	0	0	0
New York, total	1,028,033	16,207	526	68,022	4,798	51,929	3,943	674,549	22,451	180,521	5,087
Adelphi University	413	0	0	0	0	225	0	143	0	45	0
Albany Col of Pharmacy	99	0	0	0	0	0	0	99	0	0	0
Albany Medical College	8,626	0	0	529	0	0	150	7,787	0	160	0
Alfred University	954	0	0	513	0	231	0	0	0	210	0
Bank Street Col of Ed	77	0	0	0	0	0	0	0	0	77	0
Barnard College	657	0	0	160	0	0	0	250	0	247	0
CUNY Bernard Baruch Col	608	0	0	375	0	0	0	0	0	233	0
CUNY Boro of Manhattan CC	107	0	0	0	0	0	0	0	0	107	0
CUNY Bronx Cmty College	2	0	0	0	0	0	0	2	0	0	0
CUNY Brooklyn College	1,742	0	0	269	0	127	0	648	0	698	0
CUNY City College	13,919	0	0	1,204	0	862	0	2,979	1,383	6,671	820
CUNY Col Staten Island	531	0	0	0	0	25	0	286	0	220	0
CUNY Grad Schl & U Ctr	3,094	0	0	214	0	0	0	2,329	0	551	0
CUNY H H Lehman College	1,146	0	0	40	0	0	0	260	0	846	0
CUNY Hunter College	5,970	0	0	760	0	0	0	3,637	11	1,562	0
CUNY J Jay Col Crim Just	127	0	0	0	0	0	0	0	0	127	0
CUNY Laguardia Cmty Col	3	0	0	0	0	0	0	3	0	0	0
CUNY Mt Sinai Schl of Med	53,533	0	0	0	1,009	190	0	52,039	182	113	0
CUNY NY City Tech Col	291	0	0	0	0	241	0	0	0	50	0
CUNY Queens College	2,301	0	0	433	0	0	0	1,406	0	462	0
CUNY Queensboro Cmty Col	218	0	0	0	0	0	0	0	0	218	0
CUNY System Office	3,920	0	0	246	0	0	0	0	0	3,494	180
CUNY York College	61	0	0	0	0	0	0	0	0	61	0
Canisius College	40	0	0	0	0	0	0	0	0	40	0
Clarkson University	4,647	0	0	736	0	482	318	189	939	1,983	0
Colgate University	659	0	0	0	0	0	0	78	0	581	0
Columbia U Central Off	2,934	0	0	0	0	1,988	0	946	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
New York, continued:											
Columbia U City New York	187,308	260	0	10,842	127	7,615	199	131,646	6,001	30,041	577
Cooper Union	162	0	0	0	0	0	0	0	25	137	0
Cornell University	194,482	13,213	36	14,321	0	4,981	117	87,913	5,139	68,073	689
Fordham University	2,402	0	50	26	0	0	0	2,132	0	194	0
Hamilton College	162	0	0	0	0	0	0	0	0	162	0
Hobart Wm Smith Colleges	212	0	0	0	0	0	0	0	0	212	0
Hofstra University	843	0	0	109	0	0	0	0	82	652	0
Houghton College	25	0	0	0	0	0	0	0	0	25	0
Iona College	135	0	0	65	0	0	0	0	0	70	0
Ithaca College	392	0	0	0	0	0	0	0	0	392	0
Le Moyne College	26	0	0	26	0	0	0	0	0	0	0
Manhattan College	105	0	0	0	0	0	90	0	0	15	0
Mercy College NY	51	0	0	0	0	0	0	0	0	51	0
Nazareth Col of Rochester	25	0	0	0	0	0	0	0	0	25	0
New School Social Rsch	375	0	0	0	0	0	0	328	0	47	0
New York Inst Technology	153	0	0	70	0	0	0	83	0	0	0
New York Medical College	13,560	155	0	64	600	0	0	12,668	0	73	0
New York University	92,762	0	140	5,778	150	3,540	700	74,252	287	7,915	0
Niagara University	313	0	0	0	0	0	0	179	34	100	0
Pace University	469	0	0	0	0	180	0	289	0	0	0
Polytechnic University	5,457	0	0	2,917	0	181	0	0	376	1,983	0
Regents Col, U of St NY	110	0	0	0	0	0	0	0	0	110	0
Rensselaer Polytech Inst	20,594	50	300	6,816	0	1,810	1,595	1,695	1,997	6,178	153
Rochester Inst Technology	4,370	0	0	3,040	0	0	0	960	158	212	0
Rockefeller University	42,406	0	0	150	0	1,310	8	39,980	59	899	0
Russell Sage College	60	0	0	0	0	0	0	0	0	60	0
SUNY Col Brockport	391	0	0	0	0	0	0	0	0	391	0
SUNY Col Buffalo	1,851	0	0	0	1,500	0	0	0	95	187	69
SUNY Col Cortland	194	0	0	0	0	0	0	0	0	194	0
SUNY Col Env Sci & Forest	945	505	0	0	0	0	0	0	0	377	63
SUNY Col Fredonia	158	0	0	0	0	0	0	0	0	158	0
SUNY Col Geneseo	77	0	0	0	0	0	0	0	0	77	0
SUNY Col New Paltz	75	0	0	0	0	0	0	0	0	75	0
SUNY Col Old Westbury	662	0	0	0	0	0	0	355	0	307	0
SUNY Col Oswego	69	0	0	0	0	0	0	0	0	69	0
SUNY Col Plattsburgh	492	0	0	0	0	0	0	450	34	8	0
SUNY Col Potsdam	197	0	0	0	0	0	0	94	0	103	0
SUNY Col of Optometry	76	0	0	0	0	0	0	76	0	0	0
SUNY Genesee Cmty College	17	0	0	0	0	0	0	0	0	17	0
SUNY Hlth Sci Ctr Brookly	18,778	0	0	0	0	0	0	18,382	0	396	0
SUNY Hlth Sci Ctr Syracus	8,338	0	0	0	0	0	0	8,035	0	303	0
SUNY Inst Tech Utica Rome	12	0	0	0	0	0	0	0	0	12	0
SUNY Jamestown Cmty Col	40	0	0	0	0	0	0	0	0	40	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
New York, continued:											
SUNY Nassau Cmty College	59	0	0	0	0	0	0	0	0	59	0
SUNY Purchase Col	70	0	0	0	0	0	0	0	70	0	0
SUNY System Office	2,843	50	0	812	1,341	0	0	331	0	309	0
SUNY at Albany	15,252	1,222	0	675	71	1,492	512	8,101	825	2,354	0
SUNY at Binghamton	3,942	0	0	362	0	83	0	1,091	212	2,194	0
SUNY at Buffalo	37,932	50	0	1,497	0	537	0	27,576	748	5,524	2,000
SUNY at Stony Brook	61,832	417	0	5,053	0	4,252	129	34,683	1,893	15,099	306
Siena College	22	0	0	0	0	0	0	0	0	22	0
St John Fisher College	41	0	0	0	0	0	0	0	41	0	0
St Johns University NY	892	0	0	0	0	0	0	852	0	40	0
St Lawrence University	63	0	0	0	0	0	0	0	0	63	0
Syracuse University	16,695	3	0	2,774	0	1,178	125	7,153	489	4,843	130
Teachers Col Columbia U	1,670	0	0	0	0	0	0	1,578	0	92	0
Union Col (Schenectdy NY)	145	0	0	0	0	0	0	0	0	145	0
University of Rochester	108,638	282	0	5,805	0	20,399	0	71,013	1,316	9,723	100
Vassar College	590	0	0	104	0	0	0	0	55	431	0
Yeshiva University NY	71,337	0	0	1,237	0	0	0	69,573	0	527	0
North Carolina, total	429,547	16,322	6,041	24,473	304	9,167	9,956	311,147	6,668	40,407	5,062
Appalachian St University	229	0	0	0	0	0	0	0	36	193	0
Bennett College NC	188	0	0	0	0	0	0	0	0	188	0
Campbell University	124	12	0	0	0	0	0	112	0	0	0
Catawba College	77	0	0	0	0	0	0	77	0	0	0
Chowan College	35	0	0	0	0	0	0	0	0	35	0
Davidson College	299	0	0	50	0	0	0	0	0	249	0
Duke University	154,649	594	181	7,917	0	5,072	1,747	126,033	448	12,269	388
East Carolina University	4,692	0	0	463	0	0	0	3,641	198	339	51
Elizabeth City State U	251	0	0	251	0	0	0	0	0	0	0
Fayetteville State U	117	0	0	0	0	15	0	0	39	63	0
Guilford College	12	0	0	0	0	0	0	0	12	0	0
Johnson C Smith U	195	0	0	0	0	0	0	0	100	95	0
Johnston Community Col	47	0	0	0	0	0	47	0	0	0	0
Mars Hill College	94	0	0	0	0	0	0	94	0	0	0
Methodist College	42	0	0	0	0	0	0	42	0	0	0
NC Ag & Tech State U	10,844	2,893	0	2,199	0	353	108	29	2,287	1,517	1,458
NC State U Raleigh	49,998	12,409	1,247	7,179	179	1,865	3,454	6,115	2,620	13,745	1,185
North Carolina Central U	206	0	0	20	0	0	0	164	0	22	0
Shaw University	71	15	0	56	0	0	0	0	0	0	0
U NC Asheville	291	33	0	0	0	0	0	0	40	218	0
U NC Chapel Hill	146,606	100	56	5,887	125	1,862	4,565	123,838	766	7,427	1,980
U NC Charlotte	1,651	50	136	405	0	0	35	0	50	975	0
U NC General Admin Off	72	0	72	0	0	0	0	0	0	0	0
U NC Greensboro	2,271	24	0	0	0	0	0	606	0	1,641	0
U NC Wilmington	4,567	0	4,128	0	0	0	0	148	0	291	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
North Carolina, continued:											
Wake Forest University	51,789	102	221	46	0	0	0	50,248	72	1,100	0
Western Carolina U	130	90	0	0	0	0	0	0	0	40	0
North Dakota, total	18,810	6,366	0	552	0	6,745	1,462	2,366	241	466	612
Jamestown College	24	0	0	0	0	0	0	0	0	24	0
Mayville State University	396	0	0	0	0	0	0	396	0	0	0
Minot State University	290	0	0	0	0	0	0	290	0	0	0
North Dakota St Col Sci	18	0	0	0	0	0	0	0	0	0	18
North Dakota State U	7,340	5,653	0	479	0	0	0	214	143	272	579
University of N Dakota	10,742	713	0	73	0	6,745	1,462	1,466	98	170	15
Ohio, total	327,749	9,221	174	53,662	1,562	7,136	6,651	185,959	22,267	34,508	6,609
Antioch University	3	3	0	0	0	0	0	0	0	0	0
Baldwin Wallace College	30	0	0	0	0	0	0	0	30	0	0
Bowling Green State U	1,103	94	0	170	0	0	60	415	0	364	0
Case Western Reserve U	99,483	250	0	5 002	0	365	25	83,964	5,626	3,962	289
Central State U OH	1,696	0	0	300	0	262	0	40	1,013	75	6
Cleveland State U	2,910	0	0	0	0	0	0	89	2,759	62	0
College of Wooster	146	0	0	0	0	0	0	0	40	106	0
Cuyahoga Cmty Col	430	0	0	0	0	0	150	0	280	0	0
Denison University	91	0	0	0	0	42	0	0	49	0	0
John Carroll University	5,549	0	0	5,300	0	0	0	0	124	125	0
Kent State University	6,961	0	0	784	0	215	294	1,649	319	3,700	0
Kenyon College	297	0	0	0	0	0	0	0	0	297	0
Medical College OH Toledo	7,637	0	0	1,000	0	0	0	6,414	0	223	0
Miami University OH	2,730	93	0	0	0	38	0	629	75	1,880	15
N E Ohio U Col of Med	1,035	0	0	0	0	0	0	1,035	0	0	0
Oberlin College	612	0	0	0	0	0	0	265	0	347	0
Ohio State University	92,320	8,407	150	5,629	870	4,810	807	45,930	4,620	15,287	5,810
Ohio University	4,827	219	24	658	0	576	0	1,078	651	1,504	117
Ohio Wesleyan University	257	0	0	118	0	0	0	0	0	139	0
Sinclair Community Col	1,150	0	0	0	0	0	0	0	0	1,000	150
University of Akron	4,192	25	0	193	0	197	498	913	1,094	1,272	0
University of Cincinnati	52,371	130	0	4,004	151	564	4,557	37,581	2,337	3,047	0
University of Dayton	29,401	0	0	28,380	0	0	220	85	371	237	108
University of Toledo	3,768	0	0	0	0	67	0	777	2,397	527	0
Wilberforce University	477	0	0	0	0	0	0	0	432	45	0
Wright State University	8,104	0	0	2,124	541	0	40	4,997	50	238	114
Xavier University OH	98	0	0	0	0	0	0	98	0	0	0
Youngstown St University	71	0	0	0	0	0	0	0	0	71	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Oklahoma, total	45,507	7,415	330	5,518	0	2,659	813	16,538	641	10,532	1,061
Cameron University	74	0	0	74	0	0	0	0	0	0	0
East Central University	170	0	0	0	0	0	170	0	0	0	0
Langston University	1,313	1,298	0	0	0	15	0	0	0	0	0
Northeastern State U	24	0	0	0	0	0	0	24	0	0	0
Oklahoma State University	14,073	5,870	0	3,635	0	406	317	1,303	127	2,314	101
Southeastern OK St U	48	0	0	48	0	0	0	0	0	0	0
Southwestern OK St U	68	0	0	0	0	0	0	0	0	68	0
U of Central Oklahoma	25	0	0	0	0	0	0	0	0	0	25
University of Oklahoma	28,174	203	330	1,701	0	2,215	253	14,954	357	7,226	935
University of Tulsa	1,538	44	0	60	0	23	73	257	157	924	0
Oregon, total	137,848	12,862	1,654	10,356	1,014	9,263	3,930	66,027	3,550	25,697	3,495
Central Oregon Cmty Col	644	0	0	0	0	0	0	644	0	0	0
Chemeketa Community Col	48	0	0	0	0	0	0	0	0	48	0
Clackamas Community Col	25	0	0	0	0	0	0	0	0	25	0
Eastern Oregon St College	1,067	204	0	0	0	0	0	833	0	0	30
Lane Community College	26	0	0	0	0	0	0	0	0	25	1
Lewis & Clark College	155	20	0	0	0	0	0	101	0	34	0
Linn Benton Community Col	21	0	0	0	0	0	0	0	0	21	0
Mount Hood Community Col	2,011	0	0	0	0	0	0	1,516	0	495	0
OR St Sys Higher Ed Off	872	0	0	872	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	7,233	0	0	2,714	0	685	121	1,640	93	1,880	100
Oregon Hlth Sciences U	48,890	0	0	105	0	4,393	344	43,530	50	468	0
Oregon Institute of Tech	300	0	0	0	0	300	0	0	0	0	0
Oregon State University	53,854	12,497	1,559	5,872	0	1,296	3,340	7,532	3,119	15,686	2,953
Portland Community Col	100	0	0	0	0	0	0	0	0	100	0
Portland State University	1,391	9	0	4	0	92	0	730	0	556	0
Reed College	633	0	0	0	0	0	0	0	0	633	0
Southern Oregon St Col	114	0	0	0	0	0	0	0	21	93	0
University of Oregon	20,004	132	95	789	874	2,497	125	9,181	267	5,633	411
Western Oregon State Col	140	0	0	0	140	0	0	0	0	0	0
Western St Chiroprac Col	320	0	0	0	0	0	0	320	0	0	0
Pennsylvania, total	724,644	10,726	708	143,764	1,238	21,379	3,488	422,211	19,170	91,907	10,053
Allegheny College	324	0	0	0	0	0	0	0	0	324	0
Beaver College PA	100	0	0	0	0	0	0	100	0	0	0
Bloomsburg U of PA	58	58	0	0	0	0	0	0	0	0	0
Bryn Mawr College	653	0	0	0	0	0	0	482	0	171	0
Bucknell University	432	50	0	34	0	0	0	74	63	211	0
Cabrini College	24	0	0	0	0	0	0	0	0	24	0
California U of PA	434	0	0	0	0	0	0	349	0	0	85
Carnegie Mellon U	66,468	0	264	23,082	0	4,488	269	9,527	4,435	22,080	2,323
Chestnut Hill College	20	0	0	0	0	0	0	0	0	20	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Pennsylvania, continued:											
Clarion U of PA	17	17	0	0	0	0	0	0	0	0	0
Delaware County Cmty Col	24	0	0	0	0	0	0	0	0	24	0
Dickinson College	221	0	0	0	0	0	0	0	0	221	0
Drexel University	10,003	0	0	1,090	0	183	475	1,807	666	5,782	0
Duquesne University	645	140	0	86	0	0	0	240	0	179	0
Eastern College	25	0	0	0	0	0	0	0	0	25	0
Franklin & Marshall Col	355	0	0	0	0	0	0	0	0	355	0
Gannon University	25	0	0	0	0	0	0	0	0	25	0
Geneva College	23	0	0	0	0	0	0	0	0	23	0
Gettysburg College	198	0	0	0	0	0	0	0	0	198	0
Gwynedd Mercy College	24	0	0	0	0	0	0	0	0	24	0
Haverford College	795	0	0	0	0	0	0	103	0	692	0
Indiana U of PA	333	0	0	0	0	0	0	275	0	0	58
Juniata College	539	0	0	0	0	0	0	0	0	539	0
Kutztown U of PA	60	0	0	0	0	0	0	0	0	46	14
La Roche College	24	0	0	0	0	0	0	0	0	24	0
Lafayette College	378	0	0	0	0	0	0	0	37	341	0
Lebanon Valley College	710	0	0	0	0	0	0	0	0	710	0
Lehigh University	12,917	0	68	3,688	0	1,118	143	538	274	6,737	351
Lincoln U (Linc U PA)	453	20	0	358	0	0	0	0	0	75	0
Medical College PA	16,203	0	0	519	0	0	0	15,531	0	153	0
Mercyhurst College	22	0	0	0	0	0	0	0	0	22	0
Montgomery Co Cmty Col	134	0	0	0	0	0	0	0	0	134	0
Mount Aloysius College	24	0	0	0	0	0	0	0	0	24	0
PA College of Optometry	643	0	0	0	0	0	0	643	0	0	0
Pace Institute	1,240	0	0	0	0	1,240	0	0	0	0	0
Pennsylvania Col of Tech	38	0	0	0	0	0	0	0	0	38	0
Pennsylvania State U	184,376	9,890	203	86,014	0	4,197	1,375	44,421	11,653	19,982	6,641
Phila Col of Pharm & Sci	437	0	0	0	0	0	0	437	0	0	0
Phila Col of Text & Sci	70	0	0	0	0	0	0	0	0	70	0
Shippensburg U of PA	471	0	0	0	0	0	0	471	0	0	0
Slippery Rock U of PA	18	0	0	0	0	0	0	0	0	18	0
St Francis Col (Lrto PA)	24	0	0	0	0	0	0	0	0	24	0
St Josephs University	71	0	0	0	0	0	0	0	0	71	0
St Vincent College & Sem	170	0	0	0	0	0	0	0	88	82	0
Swarthmore College	832	0	0	0	0	20	0	0	0	812	0
Temple University	28,280	30	0	360	0	1,142	300	22,414	0	4,034	0
Thomas Jefferson U	45,066	160	0	1,017	363	242	260	42,690	0	334	0
University of PA	190,296	356	173	15,483	0	6,447	200	150,244	318	16,553	522
University of Pittsburgh	152,901	0	0	6,533	875	2,302	376	131,580	1,472	9,704	59
University of Scranton	3,650	0	0	3,500	0	0	0	0	0	150	0
Villanova University	3,045	0	0	2,000	0	0	0	285	118	642	0
Waynesburg College	25	0	0	0	0	0	0	0	0	25	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Pennsylvania, continued:											
West Chester U of PA	275	0	0	0	0	0	90	0	0	185	0
Westmnstr Col (Nw W PA)	46	0	0	0	0	0	0	0	46	0	0
Widener U All Campuses	5	5	0	0	0	0	0	0	0	0	0
Rhode Island, total	56,200	2,041	2,090	9,160	0	2,353	1,199	20,554	2,989	15,241	573
Brown University	36,998	0	35	6,511	0	2,334	0	15,298	1,903	10,783	134
Providence College	120	0	0	0	0	0	0	0	0	120	0
Rhode Island College	285	0	0	0	0	0	0	285	0	0	0
U Rhode Island	18,797	2,041	2,055	2,649	0	19	1,199	4,971	1,086	4,338	439
South Carolina, total	71,678	7,117	1,120	4,635	0	18,178	556	29,264	928	9,220	660
Benedict College	219	0	0	0	0	200	0	0	19	0	0
Citadel Military Col SC	28	20	0	0	0	0	0	0	8	0	0
Claflin College	111	0	0	0	0	39	0	0	0	72	0
Clemson University	17,718	5,101	94	2,106	0	4,500	556	483	690	3,615	573
College of Charleston	133	0	0	13	0	0	0	0	22	98	0
Erskine College	87	0	0	0	0	0	0	0	0	87	0
Francis Marion University	15	0	0	0	0	0	0	0	0	15	0
Furman University	396	0	0	0	0	0	0	136	0	260	0
Medical U of S Carolina	27,410	0	27	0	0	5,861	0	21,232	0	290	0
Piedmont Tech College	124	0	0	0	0	0	0	0	0	124	0
South Carolina St U	3,018	1,655	717	0	0	463	0	0	0	183	0
Tri County Tech College	50	0	0	0	0	0	0	0	0	50	0
U South Carolina	21,999	341	282	2,516	0	6,795	0	7,363	189	4,426	87
Voorhees College	50	0	0	0	0	0	0	50	0	0	0
York Technical College	320	0	0	0	0	320	0	0	0	0	0
South Dakota, total	10,554	3,429	0	53	0	0	194	1,705	1,050	3,653	470
Augustana Col (Sx Fls SD)	51	5	0	0	0	0	0	0	0	46	0
Black Hills State U	45	0	0	0	0	0	0	0	0	45	0
SD School Mines & Tech	2,711	0	0	53	0	0	0	0	980	1,643	35
Sinte Gleska University	505	0	0	0	0	0	0	0	0	505	0
South Dakota State U	4,296	3,410	0	0	0	0	194	104	39	114	435
U SD System Office	681	0	0	0	0	0	0	681	0	0	0
U South Dakota	2,265	14	0	0	0	0	0	920	31	1,300	0
Tennessee, total	161,333	9,454	101	14,009	0	6,976	919	112,040	5,591	10,994	1,249
Chattanooga St Tech CC	50	0	0	0	0	0	0	0	0	50	0
Christian Brothers U	51	0	0	11	0	0	0	0	40	0	0
East Tennessee State U	653	18	0	0	0	0	0	635	0	0	0
Fisk University	1,761	0	0	125	0	247	0	0	1,061	167	161
Knoxville College	247	0	0	198	0	0	0	0	0	49	0
Meharry Medical College	10,420	0	0	804	0	0	0	8,187	0	1,429	0
Memphis State University	4,552	92	0	464	0	19	0	2,474	67	1,240	196
Middle Tennessee St U	36	0	0	0	0	36	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Tennessee, continued:											
Rhodes College	99	0	0	0	0	0	0	0	0	99	0
Southern Col 7 Day Advent	4	0	0	0	0	0	0	0	0	4	0
Southern Col of Optometry	76	0	0	0	0	0	0	76	0	0	0
Tennessee State U	7,216	2,867	0	2,033	0	100	0	1,132	984	100	0
Tennessee Technological U	910	0	0	0	0	157	250	81	20	252	150
U TN U Wide Admin Ctrl	2,391	0	0	1,679	0	0	0	221	0	266	225
U Tennessee Chattanooga	52	34	0	0	0	0	0	0	0	18	0
U Tennessee Knoxville	24,597	6,150	101	1,757	0	5,645	669	4,741	1,158	4,171	205
U Tennessee Martin	218	0	0	218	0	0	0	0	0	0	0
U Tennessee Memphis	20,762	18	0	156	0	30	0	19,426	291	529	312
Vanderbilt University	87,238	275	0	6,564	0	742	0	75,067	1,970	2,620	0
Texas, total	626,350	27,536	1,578	72,068	935	24,788	9,830	387,707	31,021	67,970	2,917
Abilene Christian U	107	0	0	0	0	107	0	0	0	0	0
Alamo CC District	101	0	0	0	0	0	0	0	0	100	1
Alvin Community College	248	0	0	0	0	0	0	0	0	248	0
Amarillo College	630	0	0	0	0	0	0	0	0	630	0
Austin Cmty Col (Astn TX)	72	0	0	0	0	0	0	0	0	72	0
Austin College	52	0	0	0	0	0	0	0	0	52	0
Baylor Col of Dentistry	513	0	0	0	0	0	0	513	0	0	0
Baylor Col of Medicine	98,514	8,985	232	590	0	1,130	175	85,441	852	1,109	0
Baylor University	1,356	0	0	0	935	0	0	118	209	94	0
El Paso Cmty College	2	0	0	0	0	0	0	0	0	0	2
Houston Community College	564	0	0	0	0	0	0	0	210	354	0
Incarnate Word College	50	0	0	0	0	0	0	0	0	50	0
Jarvis Christian College	89	0	0	89	0	0	0	0	0	0	0
Lamar U Beaumont	2,822	0	0	0	0	172	2,500	100	50	0	0
Le Tourneau University	30	0	0	30	0	0	0	0	0	0	0
Midwestern State U	86	6	0	0	0	0	0	0	0	80	0
Our Lady of the Lake U	166	0	0	166	0	0	0	0	0	0	0
Palo Alto College	4	0	0	0	0	0	0	0	0	0	4
Prairie View A&M U	6,207	3,195	0	101	0	936	0	0	1,917	58	0
Rice University	26,518	45	0	2,713	0	1,886	1,102	4,270	2,690	13,732	80
Sam Houston State U	104	68	0	0	0	0	0	0	36	0	0
Southern Methodist U	3,140	70	0	626	0	727	50	630	47	990	0
Southwest Texas St U	972	8	0	50	0	0	0	543	30	341	0
St Edwards University	5	5	0	0	0	0	0	0	0	0	0
St Marys U San Antonio	52	0	0	0	0	0	0	0	0	52	0
Stephen F Austin St U	312	281	0	0	0	0	0	0	0	0	31
TX A&M U Corpus Christi	56	0	0	33	0	0	0	0	0	0	23
TX A&M U Kingsville	655	152	0	199	0	0	0	0	76	228	0
Tarleton State University	377	0	0	0	0	0	0	283	0	94	0
Texas A&M U Sys Off	1,490	0	0	0	0	939	0	251	0	0	300

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Texas, continued:											
Texas A&M University	638	13,134	1,160	8,407	0	4,132	1,265	17,297	3,145	9,782	1,366
Texas Christian U	,605	0	0	132	0	0	0	870	0	603	0
Texas Lutheran College	36	0	0	0	0	0	0	0	0	36	0
Texas Southern U	3,973	0	0	0	0	0	658	2,729	586	0	0
Texas Southmost College	183	0	0	0	0	0	0	0	183	0	0
Texas State Tech Col	466	0	0	0	0	0	0	0	0	466	0
Texas Tech University	6,461	425	0	882	0	171	1,012	2,434	433	925	179
Texas Womans University	511	0	0	0	0	0	0	404	63	44	0
Trinity University	637	0	0	0	0	0	0	438	0	199	0
U N TX Hlth Sci Ctr	4,188	0	0	0	0	0	0	4,039	0	149	0
U North Texas	2,466	90	0	882	0	300	364	401	72	357	0
U TX Arlington	8,886	0	0	7,274	0	546	0	109	348	609	0
U TX Austin	103,155	467	169	42,708	0	12,131	337	18,666	7,036	21,468	173
U TX Dallas	4,703	0	0	1,267	0	97	0	1,357	622	1,309	51
U TX El Paso	9,826	0	0	667	0	0	1,000	1,802	599	5,695	63
U TX Hlth Sci Ctr Houstn	44,846	435	0	295	0	0	204	43,453	141	318	0
U TX Hlth Sci Ctr S Anto	48,910	0	0	71	0	0	0	48,009	161	669	0
U TX MD Anderson Cancer	48,434	0	0	1,719	0	0	64	46,487	0	164	0
U TX Med Brnch Galveston	31,445	130	0	303	0	491	657	29,106	393	365	0
U TX Pan American	585	0	0	0	0	0	0	107	416	62	0
U TX Permian Basin	62	0	0	44	0	0	0	0	0	18	0
U TX SW Med Ctr Dallas	72,361	0	0	184	0	0	0	69,762	1,771	644	0
U TX San Antonio	1,463	0	0	100	0	4	0	553	471	335	0
U TX System Off	1,737	25	0	0	0	25	0	1,053	0	0	634
U of Houston	18,485	15	17	1,240	0	994	442	6,333	5,465	3,969	10
U of Houston Clear Lake	3,166	0	0	0	0	0	0	149	2,999	18	0
U of Houston Downtown Col	662	0	0	0	0	0	0	0	0	662	0
U of Houston Sys Admin	1,296	0	0	1,296	0	0	0	0	0	0	0
University of Dallas	747	0	0	0	0	0	0	0	0	747	0
Wiley College	73	0	0	0	0	0	0	0	0	73	0
Utah, total	130,214	5,313	308	28,781	121	3,865	2,270	65,508	4,462	17,353	2,233
Brigham Young University	5,457	2	0	1,065	0	139	0	859	221	3,124	47
Southern Utah University	1,476	0	0	0	0	50	0	1,426	0	0	0
University of Utah	84,896	196	213	6,604	0	3,598	2,000	58,096	1,205	11,551	1,433
Utah State University	38,385	5,115	95	21,112	121	78	270	5,127	3,036	2,678	753
Vermont, total	35,101	4,099	0	798	700	544	204	25,238	143	3,224	151
Lyndon State College	10	10	0	0	0	0	0	0	0	0	0
Middlebury College	142	0	0	0	0	0	0	40	84	18	0
Norwich University	18	0	0	0	0	0	0	0	18	0	0
St Michaels College	42	0	0	0	0	0	0	0	0	42	0
University of Vermont	34,889	4,089	0	798	700	544	204	25,198	41	3,164	151

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Virginia, total	201,774	9,178	1,348	24,487	1,644	8,162	1,472	98,820	19,487	26,713	10,463
College of William & Mary	7,652	18	978	746	0	313	74	283	2,489	2,696	55
Dabney Lancaster Cmty Col	10	10	0	0	0	0	0	0	0	0	0
Eastern Mennonite U	21	0	0	0	0	0	0	0	0	21	0
Eastern VA Medical Schl	10,684	0	0	0	0	0	0	4,427	132	0	6,125
Ferrum College	58	0	0	0	0	0	0	0	0	58	0
George Mason University	7,116	50	92	4,458	0	124	80	92	768	1,142	310
Hampden Sydney College	62	0	0	0	0	0	0	0	62	0	0
Hampton University	8,857	0	0	2,543	0	928	123	0	3,067	2,196	0
James Madison University	388	50	0	91	0	0	0	0	0	247	0
Longwood College	29	0	0	0	0	0	0	0	29	0	0
Mary Baldwin College	25	0	0	0	0	0	0	0	0	25	0
Mary Washington College	25	0	0	0	0	0	0	0	0	0	25
Marymount University	18	0	0	0	0	0	0	0	0	18	0
Mountain Empire Cmty Col	42	0	0	0	0	0	0	0	0	42	0
Norfolk State University	480	0	0	0	0	67	0	75	338	0	0
Old Dominion University	6,971	177	0	672	0	228	0	107	4,505	1,282	0
Radford University	94	0	64	0	0	0	0	0	30	0	0
Sweet Briar College	56	0	0	0	0	0	0	0	0	56	0
University of Richmond	192	0	0	28	0	94	0	0	0	70	0
University of Virginia	76,395	85	50	6,081	770	3,133	324	51,496	3,667	9,437	1,352
VA Polytech Inst & St U	38,360	6,718	164	9,487	0	2,885	543	3,658	4,185	8,173	2,547
Virginia Commonwealth U	41,572	0	0	381	874	293	226	38,682	215	852	49
Virginia Military Inst	75	0	0	0	0	0	0	0	0	75	0
Virginia State University	2,269	2,070	0	0	0	97	102	0	0	0	0
Washington & Lee U	125	0	0	0	0	0	0	0	0	125	0
Wytheville Community Col	198	0	0	0	0	0	0	0	0	198	0
Washington, total	317,990	16,361	4,382	29,061	505	16,028	1,261	195,336	9,257	42,482	3,317
Central Washington U	203	0	0	0	0	0	0	99	104	0	0
Columbia Basin College	1	0	0	0	0	0	0	0	0	0	1
Eastern Washington U	1,788	0	0	0	0	0	0	1,661	0	0	127
Edmonds Community College	2,554	0	0	0	0	0	0	2,554	0	0	0
Evergreen State College	375	0	0	0	0	0	0	0	0	375	0
Gonzaga University	216	0	0	0	0	0	0	93	0	55	68
Heritage College	22	0	0	0	0	0	0	0	0	22	0
J Bastyr Naturopathic Med	840	0	0	0	0	0	0	840	0	0	0
Lower Columbia College	1,015	0	0	0	0	0	0	1,015	0	0	0
Northwest Indian College	59	0	0	0	0	0	0	0	54	0	5
Olympic College	1	0	0	0	0	0	0	0	0	0	1
Pacific Lutheran U	28	0	0	0	0	0	0	0	0	28	0
Pierce College	28	0	0	0	0	0	0	0	0	28	0
Seattle Community College	192	0	0	0	0	0	0	0	0	192	0
Seattle University	89	0	0	0	0	0	0	0	0	89	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Washington, continued:											
Skagit Valley College	1,626	0	0	0	0	0	0	1,626	0	0	0
Spokane Community College	75	0	0	0	0	0	0	0	0	57	18
St Martins College	12	0	0	0	0	0	0	0	0	12	0
Tacoma Community College	21	0	0	0	0	0	0	0	0	21	0
University of Washington	275,905	5,244	4,144	26,640	500	14,118	192	179,643	8,621	34,364	2,439
Washington State U	30,619	11,117	105	2,108	5	1,650	880	7,805	461	5,830	658
Western Washington U	2,276	0	133	311	0	260	189	0	17	1,366	0
Whitman College	45	0	0	2	0	0	0	0	0	43	0
West Virginia, total	25,239	3,519	0	1,480	0	4,673	1,240	7,983	3,797	256	2,291
Bethany Col (Bethany, WV)	14	0	0	0	0	0	0	0	0	14	0
Col of West Virginia	594	0	0	0	0	594	0	0	0	0	0
Concord College	292	0	0	0	0	0	0	292	0	0	0
Fairmont State College	190	16	0	0	0	0	0	0	100	74	0
Marshall University	1,890	36	0	95	0	0	0	1,607	44	97	11
WV University (Morgantwn)	22,166	3,467	0	1,385	0	4,079	1,240	6,084	3,585	46	2,280
West Virginia Wesleyn Col	33	0	0	0	0	0	0	0	8	25	0
Wheeling Jesuit College	60	0	0	0	0	0	0	0	60	0	0
Wisconsin, total	271,885	12,065	1,669	36,007	2,435	17,990	2,924	143,940	13,834	40,021	1,000
Beloit College	668	0	0	0	0	0	0	92	81	495	0
Carroll Col (Waukesha WI)	90	0	0	0	0	0	0	0	0	90	0
Lawrence University	84	0	0	0	0	0	0	0	0	84	0
Madison Area Tech College	400	0	0	0	0	0	0	0	0	400	0
Marquette University	2,851	90	0	0	0	87	198	1,028	462	942	44
Medical College WI	43,635	0	0	15,320	0	0	0	27,758	371	186	0
Milwaukee School of Eng	1	0	0	0	0	0	0	0	0	1	0
Ripon College	49	0	0	0	0	0	0	0	0	49	0
St Norbert College	64	0	0	0	0	0	0	0	0	64	0
U WI Center System	72	0	0	12	0	0	0	60	0	0	0
U WI Eau Claire	613	0	0	0	0	207	0	0	0	404	2
U WI Green Bay	122	0	0	0	0	0	0	122	0	0	0
U WI La Crosse	26	0	0	0	0	0	0	0	0	26	0
U WI Madison	207,625	11,709	327	19,840	127	17,228	1,756	110,070	12,492	33,682	394
U WI Milwaukee	5,645	0	0	752	0	468	0	2,429	428	1,530	38
U WI Oshkosh	2,570	100	0	0	0	0	0	2,284	0	186	0
U WI Parkside	255	140	0	18	0	0	0	97	0	0	0
U WI River Falls	938	0	0	0	0	0	0	0	0	938	0
U WI Stevens Point	508	26	0	65	0	0	0	0	0	416	1
U WI Stout	675	0	0	0	675	0	0	0	0	0	0
U WI Superior	1,030	0	0	0	0	0	970	0	0	60	0
U WI System Office	3,796	0	1,342	0	1,633	0	0	0	0	300	521
U WI Whitewater	168	0	0	0	0	0	0	0	0	168	0

See explanatory information, if any, and SOURCE at end of table.

Table B-17. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Wyoming, total	12,995	2,510	0	2,407	0	163	40	837	960	5,013	1,065
Northwest Col (Powl WY)	57	0	0	0	0	0	0	0	0	57	0
University of Wyoming	12,791	2,363	0	2,407	0	163	40	837	960	4,956	1,065
Western Wyoming Cmty Col	147	147	0	0	0	0	0	0	0	0	0
Guam, total	1,722	1,126	0	178	0	0	0	83	0	130	205
University of Guam	1,722	1,126	0	178	0	0	0	83	0	130	205
Puerto Rico, total	30,187	4,331	290	1,050	0	28	494	17,416	2,099	4,333	146
American U Puerto Rico	290	0	290	0	0	0	0	0	0	0	0
Huertas Junior College	50	0	0	0	0	0	0	0	0	50	0
Inter Am U PR Ctrl Off	607	0	0	0	0	0	0	0	0	607	0
Ponce School of Medicine	2,272	0	0	0	0	0	0	2,272	0	0	0
U Central Del Caribe	1,712	0	0	0	0	0	0	1,712	0	0	0
U PR Cayey U Col	68	0	0	0	0	0	0	0	0	68	0
U PR Humacao U Col	254	0	0	200	0	0	0	0	54	0	0
U PR Mayaguez	7,351	4,201	0	113	0	28	0	0	420	2,488	101
U PR Medical Sci	11,807	130	0	0	0	0	0	11,476	130	71	0
U PR Rio Piedras	3,750	0	0	444	0	0	0	1,566	1,495	245	0
U PR System Off	1,810	0	0	293	0	0	394	390	0	688	45
U of the Sacred Heart	48	0	0	0	0	0	0	0	0	48	0
Universidad Metropolitana	168	0	0	0	0	0	100	0	0	68	0
American Samoa, total	668	668	0	0	0	0	0	0	0	0	0
American Samoa Cmty Col	668	668	0	0	0	0	0	0	0	0	0
Virgin Islands, total	1,368	1,061	0	0	0	0	0	301	0	0	6
U of the Virgin Islands	1,368	1,061	0	0	0	0	0	301	0	0	6
Trust Territory of the Pacific Islands, total	983	848	0	0	0	0	0	135	0	0	0
Col of Micronesia FSM	294	294	0	0	0	0	0	0	0	0	0
Northern Marianas College	689	554	0	0	0	0	0	135	0	0	0

1 The Department of Defense (DoD) states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

2 Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-35.

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
United States, total	1,600,586	1,255,908	344,678	157,476	187,202
Alabama, total	16,773	14,477	2,296	2,121	175
Alabama A & M University	1,873	1,713	160	60	100
Auburn University	3,221	2,977	244	169	75
Troy St U Main	8	8	0	0	0
Tuskegee University	858	858	0	0	0
U Alabama Birmingham	2,871	2,871	0	0	0
U Alabama Huntsville	7,205	5,377	1,828	1,828	0
U Alabama Sys Off	271	271	0	0	0
U South Alabama	218	218	0	0	0
University of Alabama	248	184	64	64	0
Alaska, total	1,576	1,576	0	0	0
U Alaska Fairbanks	90	90	0	0	0
U Alaska System Higher Ed	1,486	1,486	0	0	0
Arizona, total	20,266	17,343	2,923	1,372	1,551
Arizona State U Main	6,094	4,596	1,498	0	1,498
South Mountain Cmty Col	134	134	0	0	0
University of Arizona	14,038	12,613	1,425	1,372	53
Arkansas, total	5,343	1,056	4,287	4,287	0
U Arkansas Little Rock	576	576	0	0	0
U Arkansas Main	4,469	182	4,287	4,287	0
U Arkansas Sys Off	298	298	0	0	0
California, total	183,717	172,150	11,567	6,215	5,352
CA St U Long Beach	233	233	0	0	0
CA St U Los Angeles	43	43	0	0	0
CA St U Northridge	117	117	0	0	0
CA St U San Marcos	38	38	0	0	0
CA State Poly U San Luis	578	578	0	0	0
California Inst of Tech	16,960	16,960	0	0	0
Columbia Col Sonora	119	119	0	0	0
Mills College	30	30	0	0	0
San Diego CC Dist Off	182	0	182	0	182
San Diego State U	2,179	2,179	0	0	0
San Francisco State U	210	210	0	0	0
San Jose State University	644	644	0	0	0
Stanford University	37,419	34,809	2,610	2,597	13
U CA Berkeley	10,419	10,300	119	119	0
U CA Davis	2,986	2,786	200	200	0
U CA Irvine	6,801	6,801	0	0	0
U CA Los Angeles	20,914	19,306	1,608	949	659
U CA Riverside	621	621	0	0	0
U CA San Diego	26,620	25,974	646	646	0
U CA San Francisco	2,732	2,263	469	469	0
U CA Santa Barbara	19,655	19,655	0	0	0
U CA Santa Cruz	3,171	3,171	0	0	0
U Southern California	31,046	25,313	5,733	1,235	4,498
Colorado, total	21,673	20,775	898	658	240
Colorado College	50	50	0	0	0
Colorado School of Mines	857	857	0	0	0
Colorado State University	8,735	8,735	0	0	0
University of Colorado	10,400	9,502	898	658	240
University of Denver	1,631	1,631	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Connecticut, total	10,191	10,142	49	49	0
University of Connecticut	2,693	2,644	49	49	0
Wesleyan University	75	75	0	0	0
Yale University	7,423	7,423	0	0	0
Delaware, total	6,914	6,833	81	81	0
Delaware State University	61	61	0	0	0
University of Delaware	6,853	6,772	81	81	0
District of Columbia, total	22,331	21,751	580	0	580
American University	60	60	0	0	0
Catholic U of America	482	482	0	0	0
George Washington U	1,849	1,825	24	0	24
Georgetown University	16,734	16,697	37	0	37
Howard University	2,809	2,290	519	0	519
University of DC	397	397	0	0	0
Florida, total	41,965	39,333	2,632	1,910	722
Embry Riddle Aeronautcl U	50	50	0	0	0
Florida A&M University	1,441	1,441	0	0	0
Florida Atlantic U	1,766	1,766	0	0	0
Florida Inst of Tech	239	239	0	0	0
Florida International U	826	776	50	50	0
Florida State University	1,467	1,404	63	63	0
Nova Southeastern U	139	139	0	0	0
State U System FL Sys Off	100	100	0	0	0
U Central Florida	7,993	6,711	1,282	1,180	102
U South Florida	10,886	10,886	0	0	0
U West Florida	611	611	0	0	0
University of Florida	8,524	7,287	1,237	617	620
University of Miami	7,923	7,923	0	0	0
Georgia, total	37,445	16,320	21,125	16,587	4,538
Clark Atlanta University	4,315	3,104	1,211	842	369
Emory University	623	623	0	0	0
Georgia Institute of Tech	29,641	10,222	19,419	15,670	3,749
Georgia State University	28	28	0	0	0
Mercer University	495	0	495	75	420
Morehouse College	200	200	0	0	0
Morris Brown College	905	905	0	0	0
University of Georgia	1,238	1,238	0	0	0
Hawaii, total	3,710	3,535	175	0	175
U Hawaii Manoa	3,539	3,364	175	0	175
U Hawaii System Off	171	171	0	0	0
Idaho, total	749	749	0	0	0
Boise State University	567	567	0	0	0
University of Idaho	182	182	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Illinois, total	45,745	40,700	5,045	2,720	2,325
De Paul University	12	12	0	0	0
Illinois Inst of Tech	8,847	8,772	75	0	75
Illinois State University	117	50	67	67	0
Loyola U Chicago	267	267	0	0	0
Northern Illinois U	228	228	0	0	0
Northwestern University	10,226	8,729	1,497	852	645
Southern IL U Carbondale	40	40	0	0	0
U IL Central Office	6,416	6,416	0	0	0
U IL Chicago	3,455	1,776	1,679	1,679	0
U IL at Urbana-Champaign	12,858	11,131	1,727	122	1,605
University of Chicago	3,207	3,207	0	0	0
Western Illinois U	72	72	0	0	0
Indiana, total	10,942	10,859	83	83	0
Ball State University	47	47	0	0	0
Indiana University	1,695	1,695	0	0	0
Purdue University	7,894	7,821	73	73	0
University of Notre Dame	1,306	1,296	10	10	0
Iowa, total	4,082	3,851	231	231	0
Iowa State University	1,632	1,632	0	0	0
University of Iowa	2,450	2,219	231	231	0
Kansas, total	1,748	1,748	0	0	0
Kansas State University	749	749	0	0	0
University of Kansas	972	972	0	0	0
Wichita State University	27	27	0	0	0
Kentucky, total	2,457	2,407	50	50	0
University of Kentucky	1,239	1,189	50	50	0
University of Louisville	1,218	1,218	0	0	0
Louisiana, total	21,583	12,840	8,743	45	8,698
Dillard University	269	269	0	0	0
Grambling State U	100	100	0	0	0
Louisiana State U All Cmp	17,260	8,638	8,622	0	8,622
Louisiana Tech University	214	214	0	0	0
Southrn U A&M Col All Cmp	1,197	1,076	121	45	76
Tulane University	1,886	1,886	0	0	0
U Southwestern Louisiana	258	258	0	0	0
Xavier University LA	399	399	0	0	0
Maine, total	1,769	1,769	0	0	0
University of Maine	1,769	1,769	0	0	0
Maryland, total	361,674	231,805	129,869	10,166	119,703
Bowie State University	90	90	0	0	0
Frostburg State U	67	67	0	0	0
Johns Hopkins University	335,567	215,629	119,938	250	119,688
Morgan State University	1,853	1,628	225	225	0
U MD Baltimore	453	438	15	0	15
U MD Baltimore County	377	377	0	0	0
U MD College Park	19,045	9,354	9,691	9,691	0
U Maryland Sys Admin	3,959	3,959	0	0	0
U of MD Center for EES	25	25	0	0	0
University of Baltimore	238	238	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Massachusetts, total	113,226	103,932	9,294	4,921	4,373
Amherst College	19	19	0	0	0
Boston College	2,903	2,470	433	433	0
Boston University	6,606	6,583	23	0	23
Brandeis University	472	472	0	0	0
Clark University	104	104	0	0	0
Harvard University	8,269	8,244	25	0	25
MA Inst of Technology	56,831	51,664	5,167	942	4,225
Northeastern University	2,567	2,567	0	0	0
Radcliffe College	367	367	0	0	0
Smith College	21	21	0	0	0
Tufts University	1,739	884	855	855	0
U MA Amherst	5,510	5,410	100	0	100
U MA Boston	389	389	0	0	0
U MA Dartmouth	80	80	0	0	0
U MA Lowell	1,399	898	501	501	0
U MA Worcester	678	460	218	218	0
Wentworth Inst of Tech	1,085	158	927	927	0
Woods Hole Oceangraphic	21,362	20,317	1,045	1,045	0
Worcester Polytech Inst	2,825	2,825	0	0	0
Michigan, total	35,952	26,578	9,374	7,421	1,953
Cnsrtm Intl Earh Sci Info	4,500	0	4,500	4,500	0
Hope College	34	0	34	34	0
Michigan State University	2,598	2,598	0	0	0
Michigan Tech University	2,934	2,734	200	0	200
Oakland University	592	0	592	0	592
U of Detroit Mercy	141	141	0	0	0
University of Michigan	22,735	19,502	3,233	2,072	1,161
Wayne State University	2,326	1,511	815	815	0
Western Michigan U	92	92	0	0	0
Minnesota, total	10,986	8,144	2,842	2,842	0
Augsburg College	107	107	0	0	0
St Cloud State University	2,542	0	2,542	2,542	0
University of Minnesota	8,337	8,037	300	300	0
Mississippi, total	6,695	6,149	546	383	163
Jackson State University	555	555	0	0	0
Mississippi State U	2,373	2,037	336	336	0
Rust College	163	0	163	0	163
U Southern Mississippi	2,152	2,152	0	0	0
University of Mississippi	1,452	1,405	47	47	0
Missouri, total	6,108	6,108	0	0	0
Missouri Western St Col	33	33	0	0	0
Southwest Missouri St U	35	35	0	0	0
St Louis University	67	67	0	0	0
U Missouri Columbia	632	632	0	0	0
U Missouri Kansas City	197	197	0	0	0
U Missouri Rolla	1,282	1,282	0	0	0
U Missouri St Louis	421	421	0	0	0
U Missouri System Admin	267	267	0	0	0
Washington University	3,174	3,174	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Montana, total	1,558	1,558	0	0	0
MT Tech U of MT	275	275	0	0	0
Montana State U (Bozeman)	1,270	1,270	0	0	0
University of Montana	13	13	0	0	0
Nebraska, total	3,712	2,712	1,000	1,000	0
Creighton University	1,111	111	1,000	1,000	0
U Nebraska Lincoln	2,503	2,503	0	0	0
U Nebraska Med Ctr Omaha	98	98	0	0	0
Nevada, total	205	205	0	0	0
Desert Research Institute	36	36	0	0	0
U & Cmty Col NV Sys Off	169	169	0	0	0
New Hampshire, total	2,423	2,423	0	0	0
Dartmouth College	2,077	2,077	0	0	0
U System of NH Sys Off	346	346	0	0	0
New Jersey, total	29,885	23,300	6,585	5,879	706
Drew University	34	34	0	0	0
Monmouth University	102	102	0	0	0
NJ Inst of Technology	872	872	0	0	0
Princeton University	12,519	12,271	248	0	248
Rutgers the St U of NJ	6,851	6,393	458	0	458
Stevens Institute of Tech	9,077	3,348	5,729	5,729	0
U Med & Dent of NJ	430	280	150	150	0
New Mexico, total	36,662	25,945	10,717	2,203	8,514
NM Inst Mining & Tech	2,452	437	2,015	2,015	0
New Mexico State U	7,009	853	6,156	26	6,130
University of New Mexico	27,201	24,655	2,546	162	2,384
New York, total	68,022	62,262	5,760	4,840	920
Albany Medical College	529	0	529	529	0
Alfred University	513	513	0	0	0
Barnard College	160	160	0	0	0
CUNY Bernard Baruch Col	375	280	95	95	0
CUNY Brooklyn College	269	269	0	0	0
CUNY City College	1,204	1,204	0	0	0
CUNY Grad Schl & U Ctr	214	214	0	0	0
CUNY H H Lehman College	40	40	0	0	0
CUNY Hunter College	760	760	0	0	0
CUNY Queens College	433	433	0	0	0
CUNY System Office	246	246	0	0	0
Clarkson University	736	736	0	0	0
Columbia U City New York	10,842	9,891	951	951	0
Cornell University	14,321	13,401	920	396	524
Fordham University	26	26	0	0	0
Hofstra University	109	109	0	0	0
Iona College	65	65	0	0	0
Le Moyne College	26	26	0	0	0
New York Inst Technology	70	70	0	0	0
New York Medical College	64	64	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
New York, continued:					
New York University	5,778	4,774	1,004	1,004	0
Polytechnic University	2,917	2,828	89	43	46
Rensselaer Polytech Inst	6,816	6,771	45	45	0
Rochester Inst Technology	3,040	3,040	0	0	0
Rockefeller University	150	150	0	0	0
SUNY System Office	812	812	0	0	0
SUNY at Albany	675	675	0	0	0
SUNY at Binghamton	362	279	83	83	0
SUNY at Buffalo	1,497	1,497	0	0	0
SUNY at Stony Brook	5,053	5,053	0	0	0
Syracuse University	2,774	2,380	394	294	100
University of Rochester	5,805	4,155	1,650	1,400	250
Vassar College	104	104	0	0	0
Yeshiva University NY	1,237	1,237	0	0	0
North Carolina, total	24,473	20,988	3,485	3,135	350
Davidson College	50	50	0	0	0
Duke University	7,917	7,117	800	800	0
East Carolina University	463	463	0	0	0
Elizabeth City State U	251	251	0	0	0
NC Ag & Tech State U	2,199	1,849	350	0	350
NC State U Raleigh	7,179	7,174	5	5	0
North Carolina Central U	20	20	0	0	0
Shaw University	56	56	0	0	0
U NC Chapel Hill	5,887	3,557	2,330	2,330	0
U NC Charlotte	405	405	0	0	0
Wake Forest University	46	46	0	0	0
North Dakota, total	552	479	73	73	0
North Dakota State U	479	479	0	0	0
University of N Dakota	73	0	73	73	0
Ohio, total	53,662	42,127	11,535	10,098	1,437
Bowling Green State U	170	170	0	0	0
Case Western Reserve U	5,002	4,412	590	590	0
Central State U OH	300	0	300	0	300
John Carroll University	5,300	5,300	0	0	0
Kent State University	784	784	0	0	0
Medical College OH Toledo	1,000	1,000	0	0	0
Ohio State University	5,629	5,369	260	260	0
Ohio University	658	658	0	0	0
Ohio Wesleyan University	118	118	0	0	0
University of Akron	193	193	0	0	0
University of Cincinnati	4,004	3,504	500	500	0
University of Dayton	28,380	18,653	9,727	8,590	1,137
Wright State University	2,124	1,966	158	158	0
Oklahoma, total	5,518	3,168	2,350	0	2,350
Cameron University	74	74	0	0	0
Oklahoma State University	3,635	1,285	2,350	0	2,350
Southeastern OK St U	48	48	0	0	0
University of Oklahoma	1,701	1,701	0	0	0
University of Tulsa	60	60	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Oregon, total	10,356	10,251	105	105	0
OR St Sys Higher Ed Off	872	872	0	0	0
Oregon Grad Inst Sci Tech	2,714	2,714	0	0	0
Oregon Hlth Sciences U	105	0	105	105	0
Oregon State University	5,872	5,872	0	0	0
Portland State University	4	4	0	0	0
University of Oregon	789	789	0	0	0
Pennsylvania, total	143,764	106,492	37,272	30,501	6,771
Bucknell University	34	34	0	0	0
Carnegie Mellon U	23,082	20,254	2,828	780	2,048
Drexel University	1,090	971	119	119	0
Duquesne University	86	86	0	0	0
Lehigh University	3,688	3,688	0	0	0
Lincoln U (Linc U PA)	358	358	0	0	0
Medical College PA	519	519	0	0	0
Pennsylvania State U	86,014	54,962	31,052	26,629	4,423
Temple University	360	266	94	94	0
Thomas Jefferson U	1,017	163	854	854	0
University of PA	15,483	15,183	300	0	300
University of Pittsburgh	6,533	4,508	2,025	2,025	0
University of Scranton	3,500	3,500	0	0	0
Villanova University	2,000	2,000	0	0	0
Rhode Island, total	9,160	9,160	0	0	0
Brown University	6,511	6,511	0	0	0
U Rhode Island	2,649	2,649	0	0	0
South Carolina, total	4,635	4,489	146	0	146
Clemson University	2,106	1,960	146	0	146
College of Charleston	13	13	0	0	0
U South Carolina	2,516	2,516	0	0	0
South Dakota, total	53	53	0	0	0
SD School Mines & Tech	53	53	0	0	0
Tennessee, total	14,009	12,485	1,524	1,474	50
Christian Brothers U	11	11	0	0	0
Fisk University	125	125	0	0	0
Knoxville College	198	198	0	0	0
Meharry Medical College	804	140	664	664	0
Memphis State University	464	464	0	0	0
Tennessee State U	2,033	2,033	0	0	0
U TN U Wide Admin Ctrl	1,679	1,612	67	67	0
U Tennessee Knoxville	1,757	1,625	132	82	50
U Tennessee Martin	218	218	0	0	0
U Tennessee Memphis	156	156	0	0	0
Vanderbilt University	6,564	5,903	661	661	0
Texas, total	72,068	45,153	26,915	16,804	10,111
Baylor Col of Medicine	590	590	0	0	0
Jarvis Christian College	89	89	0	0	0
Le Tourneau University	30	30	0	0	0
Our Lady of the Lake U	166	166	0	0	0
Prairie View A&M U	101	101	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Texas, continued:					
Rice University	2,713	2,461	252	0	252
Southern Methodist U	626	626	0	0	0
Southwest Texas St U	50	50	0	0	0
TX A&M U Corpus Christi	33	33	0	0	0
TX A&M U Kingsville	199	199	0	0	0
Texas A&M University	8,407	8,182	225	225	0
Texas Christian U	132	132	0	0	0
Texas Tech University	882	882	0	0	0
U North Texas	882	882	0	0	0
U TX Arlington	7,274	7,274	0	0	0
U TX Austin	42,708	16,424	26,284	16,475	9,809
U TX Dallas	1,267	1,217	50	0	50
U TX El Paso	667	607	60	60	0
U TX Hlth Sci Ctr Houstn	295	295	0	0	0
U TX Hlth Sci Ctr S Anto	71	71	0	0	0
U TX MD Anderson Cancer	1,719	1,719	0	0	0
U TX Med Brnch Galveston	303	303	0	0	0
U TX Permian Basin	44	0	44	44	0
U TX SW Med Ctr Dallas	184	184	0	0	0
U TX San Antonio	100	100	0	0	0
U of Houston	1,240	1,240	0	0	0
U of Houston Sys Admin	1,296	1,296	0	0	0
Utah, total	28,781	10,651	18,130	18,130	0
Brigham Young University	1,065	1,065	0	0	0
University of Utah	6,604	6,604	0	0	0
Utah State University	21,112	2,982	18,130	18,130	0
Vermont, total	798	719	79	0	79
University of Vermont	798	719	79	0	79
Virginia, total	24,487	21,222	3,265	915	2,350
College of William & Mary	746	746	0	0	0
George Mason University	4,458	3,392	1,066	0	1,066
Hampton University	2,543	2,543	0	0	0
James Madison University	91	91	0	0	0
Old Dominion University	672	588	84	84	0
University of Richmond	28	28	0	0	0
University of Virginia	6,081	4,397	1,684	400	1,284
VA Polytech Inst & St U	9,487	9,337	150	150	0
Virginia Commonwealth U	381	100	281	281	0
Washington, total	29,061	26,117	2,944	177	2,767
University of Washington	26,640	23,873	2,767	0	2,767
Washington State U	2,108	1,931	177	177	0
Western Washington U	311	311	0	0	0
Whitman College	2	2	0	0	0
West Virginia, total	1,480	1,480	0	0	0
Marshall University	95	95	0	0	0
WV University (Morgantwn)	1,385	1,385	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-18. Department of Defense obligations for science and engineering research and development (R&D) to universities and colleges, by State and institution: fiscal year 1994

[Thousands of dollars]

State and institution	Total R&D	Research	Development		
			Total	Advanced technology	Major systems
Wisconsin, total	36,007	35,904	103	0	103
Medical College WI	15,320	15,320	0	0	0
U WI Center System	12	12	0	0	0
U WI Madison	19,840	19,737	103	0	103
U WI Milwaukee	752	752	0	0	0
U WI Parkside	18	18	0	0	0
U WI Stevens Point	65	65	0	0	0
Wyoming, total	2,407	2,407	0	0	0
University of Wyoming	2,407	2,407	0	0	0
Guam, total	178	178	0	0	0
University of Guam	178	178	0	0	0
Puerto Rico, total	1,050	1,050	0	0	0
U PR Humacao U Col	200	200	0	0	0
U PR Mayaguez	113	113	0	0	0
U PR Rio Piedras	444	444	0	0	0
U PR System Off	293	293	0	0	0

NOTE: Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	214,385	38,834	324	326	0	24,779	0	16,331	101	19,977	113,713	0
Alabama, total	2,648	0	0	30	0	0	0	225	101	0	2,292	0
Auburn University	2,423	0	0	30	0	0	0	0	101	0	2,292	0
U South Alabama	225	0	0	0	0	0	0	225	0	0	0	0
Alaska, total	120	0	0	0	0	0	0	0	0	0	120	0
U Alaska Fairbanks	120	0	0	0	0	0	0	0	0	0	120	0
Arizona, total	2,786	776	0	0	0	0	0	1,570	0	0	440	0
University of Arizona	2,786	776	0	0	0	0	0	1,570	0	0	440	0
Arkansas, total	3,741	2,588	0	0	0	0	0	0	0	0	1,153	0
U Arkansas Main	3,741	2,588	0	0	0	0	0	0	0	0	1,153	0
California, total	16,893	2,023	0	0	0	700	0	2,071	0	0	12,099	0
CA St U Long Beach	427	0	0	0	0	0	0	0	0	0	427	0
CA St U Los Angeles	171	0	0	0	0	0	0	0	0	0	171	0
California Inst of Tech	685	0	0	0	0	24	0	0	0	0	661	0
La Sierra University	195	0	0	0	0	0	0	0	0	0	195	0
Occidental College	134	0	0	0	0	0	0	0	0	0	134	0
San Diego State U	228	0	0	0	0	0	0	0	0	0	228	0
Stanford University	2,259	0	0	0	0	32	0	0	0	0	2,227	0
U CA Berkeley	3,269	2,023	0	0	0	0	0	0	0	0	1,246	0
U CA Davis	206	0	0	0	0	60	0	0	0	0	146	0
U CA Irvine	1,176	0	0	0	0	270	0	601	0	0	305	0
U CA Los Angeles	807	0	0	0	0	20	0	0	0	0	787	0
U CA Riverside	1,320	0	0	0	0	0	0	0	0	0	1,320	0
U CA San Diego	3,062	0	0	0	0	200	0	0	0	0	2,862	0
U CA San Francisco	426	0	0	0	0	0	0	0	0	0	426	0
U CA Santa Barbara	713	0	0	0	0	59	0	0	0	0	654	0
U CA Santa Cruz	145	0	0	0	0	35	0	0	0	0	110	0
U Southern California	1,670	0	0	0	0	0	0	1,470	0	0	200	0
Colorado, total	5,283	310	0	0	0	401	0	311	0	0	4,261	0
Colorado School of Mines	249	0	0	0	0	25	0	0	0	0	224	0
Colorado State University	581	310	0	0	0	46	0	0	0	0	225	0
Fort Lewis College	1,555	0	0	0	0	0	0	0	0	0	1,555	0
University of Colorado	2,898	0	0	0	0	330	0	311	0	0	2,257	0
Connecticut, total	3,900	0	0	0	0	2,284	0	621	0	0	995	0
Yale University	3,900	0	0	0	0	2,284	0	621	0	0	995	0
Delaware, total	946	319	0	0	0	0	0	0	0	0	627	0
Delaware State University	189	0	0	0	0	0	0	0	0	0	189	0
University of Delaware	757	319	0	0	0	0	0	0	0	0	438	0
District of Columbia, total	131	0	0	0	0	0	0	0	0	0	131	0
Catholic U of America	131	0	0	0	0	0	0	0	0	0	131	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Florida, total	8,863	268	0	0	0	0	0	806	0	0	7,789	0
Florida Atlantic U	153	0	0	0	0	0	0	0	0	0	153	0
Florida International U	1,541	0	0	0	0	0	0	0	0	0	1,541	0
Florida State University	125	0	0	0	0	0	0	0	0	0	125	0
U Central Florida	500	0	0	0	0	0	0	0	0	0	500	0
U South Florida	819	0	0	0	0	0	0	151	0	0	668	0
U West Florida	230	0	0	0	0	0	0	0	0	0	230	0
University of Florida	5,495	268	0	0	0	0	0	655	0	0	4,572	0
Georgia, total	5,487	1,635	0	0	0	625	0	1,750	0	0	1,477	0
Emory University	104	0	0	0	0	0	0	0	0	0	104	0
Georgia Institute of Tech	1,065	0	0	0	0	0	0	0	0	0	1,065	0
Morehouse School of Med	1,750	0	0	0	0	0	0	1,750	0	0	0	0
University of Georgia	2,568	1,635	0	0	0	625	0	0	0	0	308	0
Hawaii, total	511	0	0	0	0	511	0	0	0	0	0	0
U Hawaii System Off	511	0	0	0	0	511	0	0	0	0	0	0
Idaho, total	1,571	0	0	0	0	0	0	0	0	0	1,571	0
Idaho State University	862	0	0	0	0	0	0	0	0	0	862	0
University of Idaho	709	0	0	0	0	0	0	0	0	0	709	0
Illinois, total	5,493	810	0	0	0	0	0	252	0	0	4,431	0
Illinois Inst of Tech	148	0	0	0	0	0	0	0	0	0	148	0
Northwestern University	1,281	810	0	0	0	0	0	0	0	0	471	0
Southern IL U Carbondale	734	0	0	0	0	0	0	0	0	0	734	0
U IL Chicago	574	0	0	0	0	0	0	252	0	0	322	0
U IL at Urbana-Champaign	1,397	0	0	0	0	0	0	0	0	0	1,397	0
University of Chicago	1,254	0	0	0	0	0	0	0	0	0	1,254	0
Wm M Scholl Col Pod Med	105	0	0	0	0	0	0	0	0	0	105	0
Indiana, total	3,968	0	0	0	0	490	0	713	0	0	2,765	0
Indiana University	2,796	0	0	0	0	50	0	713	0	0	2,033	0
Purdue University	543	0	0	0	0	25	0	0	0	0	518	0
University of Notre Dame	629	0	0	0	0	415	0	0	0	0	214	0
Iowa, total	1,341	0	0	0	0	636	0	0	0	0	705	0
Grand View College	45	0	0	0	0	0	0	0	0	0	45	0
Iowa State University	941	0	0	0	0	616	0	0	0	0	325	0
University of Iowa	355	0	0	0	0	20	0	0	0	0	335	0
Kansas, total	2,668	1,164	0	0	0	721	0	0	0	0	783	0
Kansas State University	2,364	1,164	0	0	0	721	0	0	0	0	479	0
University of Kansas	304	0	0	0	0	0	0	0	0	0	304	0
Kentucky, total	503	0	0	0	0	0	0	0	0	0	503	0
University of Kentucky	134	0	0	0	0	0	0	0	0	0	134	0
University of Louisville	369	0	0	0	0	0	0	0	0	0	369	0
Louisiana, total	450	0	0	0	0	165	0	285	0	0	0	0
Louisiana State U All Cmp	450	0	0	0	0	165	0	285	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Maine, total	1,223	0	0	0	0	0	0	0	0	0	1,223	0
Bowdoin College	723	0	0	0	0	0	0	0	0	0	723	0
University of Maine	500	0	0	0	0	0	0	0	0	0	500	0
Maryland, total	4,063	1,619	324	0	0	180	0	1,570	0	0	370	0
Johns Hopkins University	1,570	0	0	0	0	0	0	1,570	0	0	0	0
U MD College Park	2,454	1,619	324	0	0	180	0	0	0	0	331	0
Villa Julie College	39	0	0	0	0	0	0	0	0	0	39	0
Massachusetts, total	11,969	0	0	0	0	4,736	0	0	0	0	7,233	0
Amherst College	1,780	0	0	0	0	0	0	0	0	0	1,780	0
Boston University	2,303	0	0	0	0	140	0	0	0	0	2,163	0
Harvard University	698	0	0	0	0	110	0	0	0	0	588	0
MA Inst of Technology	4,649	0	0	0	0	4,411	0	0	0	0	238	0
Mount Holyoke College	50	0	0	0	0	0	0	0	0	0	50	0
U MA Amherst	1,363	0	0	0	0	0	0	0	0	0	1,363	0
U MA Lowell	75	0	0	0	0	75	0	0	0	0	0	0
Wellesley College	50	0	0	0	0	0	0	0	0	0	50	0
Woods Hole Oceangraphic	100	0	0	0	0	0	0	0	0	0	100	0
Worcester Polytech Inst	901	0	0	0	0	0	0	0	0	0	901	0
Michigan, total	4,427	0	0	0	0	494	0	0	0	1,175	2,758	0
Delta College	1,175	0	0	0	0	0	0	0	0	1,175	0	0
Eastern Michigan U	372	0	0	0	0	0	0	0	0	0	372	0
Hope College	60	0	0	0	0	0	0	0	0	0	60	0
Michigan State University	1,242	0	0	0	0	242	0	0	0	0	1,000	0
Michigan Tech University	310	0	0	0	0	0	0	0	0	0	310	0
University of Michigan	1,111	0	0	0	0	252	0	0	0	0	859	0
Wayne State University	157	0	0	0	0	0	0	0	0	0	157	0
Minnesota, total	2,181	0	0	0	0	20	0	405	0	0	1,756	0
Hamline University	109	0	0	0	0	0	0	0	0	0	109	0
St Olaf College	41	0	0	0	0	0	0	0	0	0	41	0
University of Minnesota	2,031	0	0	0	0	20	0	405	0	0	1,606	0
Mississippi, total	1,798	91	0	0	0	0	0	0	0	0	1,707	0
Mississippi State U	1,179	0	0	0	0	0	0	0	0	0	1,179	0
U Southern Mississippi	203	0	0	0	0	0	0	0	0	0	203	0
University of Mississippi	416	91	0	0	0	0	0	0	0	0	325	0
Missouri, total	5,809	2,355	0	0	0	0	0	1,800	0	0	1,654	0
St Louis University	405	0	0	0	0	0	0	0	0	0	405	0
U Missouri Columbia	4,214	2,355	0	0	0	0	0	1,300	0	0	559	0
U Missouri Rolla	577	0	0	0	0	0	0	0	0	0	577	0
U Missouri St Louis	113	0	0	0	0	0	0	0	0	0	113	0
Washington University	500	0	0	0	0	0	0	500	0	0	0	0
Montana, total	1,917	1,812	0	0	0	0	0	0	0	0	105	0
Montana State U (Bozeman)	1,917	1,812	0	0	0	0	0	0	0	0	105	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Nebraska, total	256	0	0	0	0	0	0	0	0	0	256	0
U Nebraska Lincoln	256	0	0	0	0	0	0	0	0	0	256	0
Nevada, total	52	0	0	0	0	52	0	0	0	0	0	0
U Nevada Las Vegas	52	0	0	0	0	52	0	0	0	0	0	0
New Jersey, total	5,401	2,123	0	0	0	50	0	0	0	0	3,228	0
NJ Inst of Technology	449	0	0	0	0	0	0	0	0	0	449	0
Princeton University	1,173	0	0	0	0	50	0	0	0	0	1,123	0
R Stockton State Col NJ	155	0	0	0	0	0	0	0	0	0	155	0
Rutgers the St U of NJ	3,624	2,123	0	0	0	0	0	0	0	0	1,501	0
New Mexico, total	3,415	774	0	296	0	125	0	1,970	0	0	250	0
NM Inst Mining & Tech	250	0	0	0	0	0	0	0	0	0	250	0
New Mexico State U	1,052	774	0	153	0	125	0	0	0	0	0	0
University of New Mexico	2,113	0	0	143	0	0	0	1,970	0	0	0	0
New York, total	20,627	0	0	0	0	9,897	0	0	0	0	10,730	0
Alfred University	150	0	0	0	0	0	0	0	0	0	150	0
CUNY H H Lehman College	167	0	0	0	0	0	0	0	0	0	167	0
Columbia U City New York	1,551	0	0	0	0	200	0	0	0	0	1,351	0
Cornell University	2,601	0	0	0	0	0	0	0	0	0	2,601	0
Hamilton College	21	0	0	0	0	0	0	0	0	0	21	0
Hobart Wm Smith Colleges	109	0	0	0	0	0	0	0	0	0	109	0
New York University	210	0	0	0	0	0	0	0	0	0	210	0
Polytechnic University	278	0	0	0	0	0	0	0	0	0	278	0
Rensselaer Polytech Inst	2,233	0	0	0	0	0	0	0	0	0	2,233	0
Rochester Inst Technology	922	0	0	0	0	0	0	0	0	0	922	0
SUNY Col Brockport	457	0	0	0	0	0	0	0	0	0	457	0
SUNY Col Geneseo	156	0	0	0	0	0	0	0	0	0	156	0
SUNY at Albany	7	0	0	0	0	7	0	0	0	0	0	0
SUNY at Binghamton	122	0	0	0	0	0	0	0	0	0	122	0
SUNY at Buffalo	647	0	0	0	0	0	0	0	0	0	647	0
SUNY at Stony Brook	625	0	0	0	0	15	0	0	0	0	610	0
Union Col (Schenectdy NY)	446	0	0	0	0	0	0	0	0	0	446	0
University of Rochester	9,925	0	0	0	0	9,675	0	0	0	0	250	0
North Carolina, total	10,338	2,982	0	0	0	271	0	0	0	0	7,085	0
Duke University	971	0	0	0	0	271	0	0	0	0	700	0
NC Ag & Tech State U	2,000	0	0	0	0	0	0	0	0	0	2,000	0
NC State U Raleigh	2,171	0	0	0	0	0	0	0	0	0	2,171	0
U NC Chapel Hill	764	0	0	0	0	0	0	0	0	0	764	0
U NC Charlotte	1,099	0	0	0	0	0	0	0	0	0	1,099	0
U NC Wilmington	114	0	0	0	0	0	0	0	0	0	114	0
Wake Forest University	3,219	2,982	0	0	0	0	0	0	0	0	237	0
North Dakota, total	3,626	1,662	0	0	0	0	0	0	0	0	1,964	0
North Dakota State U	1,662	1,662	0	0	0	0	0	0	0	0	0	0
University of N Dakota	1,964	0	0	0	0	0	0	0	0	0	1,964	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Ohio, total	1,795	255	0	0	0	90	0	110	0	0	1,340	0
Miami University OH	406	0	0	0	0	0	0	110	0	0	296	0
Ohio State University	564	0	0	0	0	90	0	0	0	0	474	0
Ohio University	100	0	0	0	0	0	0	0	0	0	100	0
University of Dayton	470	0	0	0	0	0	0	0	0	0	470	0
University of Toledo	255	255	0	0	0	0	0	0	0	0	0	0
Oklahoma, total	786	341	0	0	0	0	0	0	0	0	445	0
Oklahoma State University	786	341	0	0	0	0	0	0	0	0	445	0
Oregon, total	5,746	2,428	0	0	0	10	0	0	0	0	3,308	0
Oregon Grad Inst Sci Tech	225	0	0	0	0	0	0	0	0	0	225	0
Oregon State University	4,903	2,428	0	0	0	0	0	0	0	0	2,475	0
University of Oregon	618	0	0	0	0	10	0	0	0	0	608	0
Pennsylvania, total	8,686	0	0	0	0	592	0	0	0	0	8,094	0
Carnegie Mellon U	680	0	0	0	0	130	0	0	0	0	550	0
Dickinson College	182	0	0	0	0	0	0	0	0	0	182	0
Drexel University	112	0	0	0	0	0	0	0	0	0	112	0
Franklin & Marshall Col	1,640	0	0	0	0	0	0	0	0	0	1,640	0
Lehigh University	500	0	0	0	0	0	0	0	0	0	500	0
Medical College PA	157	0	0	0	0	0	0	0	0	0	157	0
Pennsylvania State U	1,344	0	0	0	0	0	0	0	0	0	1,344	0
Temple University	1,593	0	0	0	0	0	0	0	0	0	1,593	0
University of PA	1,762	0	0	0	0	362	0	0	0	0	1,400	0
University of Pittsburgh	277	0	0	0	0	100	0	0	0	0	177	0
West Chester U of PA	439	0	0	0	0	0	0	0	0	0	439	0
Rhode Island, total	578	0	0	0	0	179	0	0	0	0	399	0
Brown University	249	0	0	0	0	179	0	0	0	0	70	0
U Rhode Island	329	0	0	0	0	0	0	0	0	0	329	0
South Carolina, total	2,066	0	0	0	0	35	0	166	0	0	1,865	0
Claflin College	354	0	0	0	0	0	0	0	0	0	354	0
Clemson University	396	0	0	0	0	0	0	166	0	0	230	0
Medical U of S Carolina	1,075	0	0	0	0	0	0	0	0	0	1,075	0
U South Carolina	241	0	0	0	0	35	0	0	0	0	206	0
South Dakota, total	253	0	0	0	0	0	0	0	0	0	253	0
South Dakota State U	107	0	0	0	0	0	0	0	0	0	107	0
U South Dakota	146	0	0	0	0	0	0	0	0	0	146	0
Tennessee, total	3,945	2,210	0	0	0	13	0	1,008	0	0	714	0
Meharry Medical College	1,008	0	0	0	0	0	0	1,008	0	0	0	0
Middle Tennessee St U	278	278	0	0	0	0	0	0	0	0	0	0
Tennessee State U	314	314	0	0	0	0	0	0	0	0	0	0
U Tennessee Knoxville	2,163	1,618	0	0	0	13	0	0	0	0	532	0
Vanderbilt University	182	0	0	0	0	0	0	0	0	0	182	0

See explanatory information, if any, and SOURCE at end of table.

Table B-19. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1994

[Thousands of dollars]

State and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Texas, total	5,121	567	0	0	0	332	0	698	0	0	3,524	0
Rice University	551	0	0	0	0	0	0	0	0	0	551	0
Southwest Texas St U	884	0	0	0	0	0	0	0	0	0	884	0
Texas A&M University	1,194	567	0	0	0	207	0	0	0	0	420	0
U TX Arlington	236	0	0	0	0	25	0	0	0	0	211	0
U TX Austin	869	0	0	0	0	100	0	0	0	0	769	0
U TX Hlth Sci Ctr Houstn	200	0	0	0	0	0	0	200	0	0	0	0
U TX SW Med Ctr Dallas	802	0	0	0	0	0	0	498	0	0	304	0
U of Houston	385	0	0	0	0	0	0	0	0	0	385	0
Utah, total	12,662	752	0	0	0	0	0	0	0	9,028	2,882	0
Brigham Young University	549	0	0	0	0	0	0	0	0	0	549	0
University of Utah	10,969	0	0	0	0	0	0	0	0	9,028	1,941	0
Utah State University	1,144	752	0	0	0	0	0	0	0	0	392	0
Vermont, total	575	0	0	0	0	0	0	0	0	0	575	0
Middlebury College	447	0	0	0	0	0	0	0	0	0	447	0
University of Vermont	128	0	0	0	0	0	0	0	0	0	128	0
Virginia, total	3,431	1,425	0	0	0	25	0	0	0	0	1,981	0
College of William & Mary	117	0	0	0	0	0	0	0	0	0	117	0
Hampton University	100	0	0	0	0	0	0	0	0	0	100	0
Lynchburg College	196	0	0	0	0	0	0	0	0	0	196	0
Old Dominion University	118	0	0	0	0	0	0	0	0	0	118	0
University of Virginia	1,475	0	0	0	0	25	0	0	0	0	1,450	0
VA Polytech Inst & St U	1,425	1,425	0	0	0	0	0	0	0	0	0	0
Washington, total	6,678	4,655	0	0	0	83	0	0	0	0	1,940	0
Gonzaga University	139	0	0	0	0	0	0	0	0	0	139	0
Pacific Lutheran U	94	0	0	0	0	0	0	0	0	0	94	0
University of Washington	1,790	0	0	0	0	83	0	0	0	0	1,707	0
Washington State U	4,655	4,655	0	0	0	0	0	0	0	0	0	0
West Virginia, total	10,056	0	0	0	0	0	0	0	0	9,774	282	0
WV University (Morgantwn)	282	0	0	0	0	0	0	0	0	0	282	0
Wheeling Jesuit College	9,774	0	0	0	0	0	0	0	0	9,774	0	0
Wisconsin, total	6,246	1,919	0	0	0	1,037	0	0	0	0	3,290	0
Marquette University	100	0	0	0	0	0	0	0	0	0	100	0
St Norbert College	254	0	0	0	0	0	0	0	0	0	254	0
U WI Madison	3,786	0	0	0	0	1,037	0	0	0	0	2,749	0
U WI Milwaukee	187	0	0	0	0	0	0	0	0	0	187	0
U WI Stevens Point	1,919	1,919	0	0	0	0	0	0	0	0	0	0
Wyoming, total	1,331	971	0	0	0	0	0	0	0	0	360	0
University of Wyoming	1,331	971	0	0	0	0	0	0	0	0	360	0
Puerto Rico, total	25	0	0	0	0	25	0	0	0	0	0	0
U PR Mayaguez	25	0	0	0	0	25	0	0	0	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

NOTE: See Technical Notes, "Scope of Survey."

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-20. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
Total, all institutions	143,623	133,470	156,668	175,187	214,164	243,872	232,017	281,016
1 Clark Atlanta University	11,070	4,856	6,432	8,074	13,451	29,449	22,439	25,753
2 Howard University	17,676	14,815	14,608	20,382	24,858	25,229	24,967	25,105
3 NC Ag & Tech State U	6,660	7,635	10,149	9,711	11,649	11,866	15,286	18,444
4 Florida A&M University	5,206	4,807	6,323	8,344	15,259	11,988	14,031	17,587
5 Meharry Medical College	7,390	5,952	7,878	8,915	10,647	12,464	7,944	14,923
6 Hampton University	2,328	3,258	4,380	6,541	6,940	7,247	6,362	11,975
7 Morehouse School of Med	3,596	3,255	5,034	6,242	7,275	8,563	4,300	11,662
8 Tennessee State U	5,160	5,381	5,926	7,288	9,305	9,160	8,160	10,745
9 Tuskegee University	12,387	6,838	6,739	7,174	10,377	8,592	9,189	10,742
10 Alabama A & M University	5,935	5,940	6,629	7,920	8,508	10,244	9,024	9,976
Total 1st 10 institutions	77,408	62,737	74,098	90,591	118,269	134,802	121,702	156,912
11 Prairie View A&M U	5,568	5,207	5,654	6,528	6,896	7,891	8,103	9,938
12 Southrn U A&M Col All Cmp	4,124	4,889	5,486	5,580	6,133	6,111	7,108	8,776
13 South Carolina St U	2,607	3,102	3,525	3,790	4,335	4,957	4,677	6,597
14 Morgan State University	1,001	795	935	1,352	1,179	3,294	2,677	6,296
15 Lincoln U (Jefrsn Cty MO)	3,570	3,467	3,642	4,281	4,063	5,134	5,037	5,886
16 Kentucky State University	3,696	4,111	4,326	4,973	4,988	5,051	5,285	5,643
17 Jackson State University	3,299	3,771	4,806	5,013	4,349	6,478	8,717	5,532
18 Texas Southern U	1,980	2,059	2,013	2,857	3,363	3,840	3,338	4,912
19 Virginia State University	3,631	3,849	4,066	4,824	5,616	5,423	4,457	4,793
20 Fort Valley State College	3,425	3,101	3,454	3,895	3,930	4,629	4,788	4,640
Total 1st 20 institutions	110,309	97,088	112,005	133,684	163,121	187,610	175,889	219,925
21 University of DC	2,707	2,633	3,347	3,037	4,044	3,986	3,387	4,581
22 U Arkansas Pine Bluff	3,422	3,185	3,337	3,838	3,886	4,427	4,701	4,322
23 Morehouse College	136	428	624	1,242	4,517	3,200	2,464	4,047
24 Alcorn State University	2,784	2,960	3,146	3,364	4,035	4,443	3,926	3,602
25 U MD Eastern Shore	2,160	2,192	2,692	3,440	3,361	3,795	3,806	3,419
26 Langston University	2,268	2,516	2,548	2,805	3,479	4,012	3,719	2,991
27 U of the Virgin Islands	1,927	2,098	2,083	2,058	2,083	2,405	2,972	2,824
28 Xavier University LA	1,650	2,233	10,018	2,407	3,037	3,822	1,891	2,711
29 Delaware State University	1,621	1,734	1,524	1,807	2,044	2,496	2,824	2,622
30 Spelman College	637	1,136	471	1,271	2,214	2,362	2,859	2,401
Total 1st 30 institutions	129,621	118,203	141,795	158,953	195,821	222,558	208,438	253,445
31 Lincoln U (Linc U PA)	699	869	1,096	1,367	719	902	1,532	2,368
32 Fisk University	1,065	832	776	967	2,165	1,482	1,761	2,259
33 Central State U OH	300	210	333	672	557	869	1,291	1,992
34 Morris Brown College	339	14	29	188	503	1,525	1,223	1,278
35 North Carolina Central U	1,061	1,655	952	928	1,051	813	713	1,254
36 Norfolk State University	590	772	1,366	691	924	928	693	1,015
37 Talladega College	656	365	141	333	809	332	1,004	1,013
38 Grambling State U	420	834	1,048	941	1,154	1,560	708	909
39 Benedict College	666	698	629	756	913	898	191	816
40 Selma University	407	722	316	814	301	380	643	732
Total 1st 40 institutions	135,824	125,174	148,481	166,610	204,917	232,247	218,197	267,081
41 Mississippi Valley St U	772	620	630	618	637	746	779	701
42 Alabama State University	679	623	683	460	450	771	712	695
43 Fayetteville State U	386	327	376	277	286	580	185	680
44 Claflin College	52	76	30	195	151	577	227	655
45 Winston Salem State U	667	425	615	841	635	691	378	650
46 Bennett College NC	253	787	222	485	451	500	710	642
47 Albany State College	271	796	423	467	471	683	134	627
48 Elizabeth City State U	0	47	60	140	85	70	257	575
49 Rust College	151	220	229	414	140	634	636	563
50 Johnson C Smith U	399	360	380	377	504	562	42	557
Total 1st 50 institutions	139,454	129,455	152,129	170,884	208,727	238,061	222,257	273,426

See explanatory information, if any, and SOURCE at end of table.

Table B-20. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
51 Coppin State College	311	323	334	340	145	167	500	553
52 Bethune Cookman College	494	571	933	685	812	574	673	517
53 Tougaloo College	299	712	435	509	542	598	744	494
54 Wilberforce University	30	6	14	24	6	11	433	477
55 Oakwood College	75	78	107	180	206	424	564	449
56 Virginia Union University	0	0	0	57	195	161	484	397
57 Stillman College	263	239	298	287	289	294	564	374
58 Dillard University	364	123	173	96	217	205	120	349
59 Bowie State University	130	240	60	221	370	378	731	320
60 Edward Waters College	0	0	0	0	0	0	0	300
Total 1st 60 institutions	141,420	131,747	154,483	173,283	211,509	240,873	227,070	277,656
61 Voorhees College	341	62	123	14	83	164	324	297
62 Lane College	9	0	133	238	441	370	423	294
63 Hinds Cmty Col Raymond	0	0	48	33	55	195	369	272
64 Jarvis Christian College	0	0	59	125	172	502	219	272
65 Livingstone College	0	0	0	0	0	47	306	267
66 Wiley College	0	0	55	113	58	194	199	263
67 Knoxville College	7	0	204	0	0	0	334	247
68 Philander Smith College	242	154	154	128	123	119	0	230
69 Shaw University	90	14	0	168	248	296	1,480	221
70 Savannah State College	160	199	218	196	422	308	365	212
Total 1st 70 institutions	142,269	132,176	155,477	174,298	213,111	243,068	231,089	280,231
71 Trenholm St Tech Col	0	279	0	45	0	0	24	202
72 St Pauls College VA	425	0	0	0	0	92	0	193
73 Paine College	74	267	20	0	0	40	0	155
74 SW Christian College	0	0	0	0	0	0	0	124
75 Morris College	0	254	0	0	0	63	132	65
76 Barber Scotia College	0	0	0	0	316	0	238	46
Bishop College	123	102	0	0	0	0	0	0
Bishop St Cmty College	203	0	0	0	0	0	0	0
Bluefield State College	0	0	0	50	60	0	83	0
C A Fredd St Tech Col	0	0	0	16	0	268	0	0
Total 1st 80 institutions	143,094	133,078	155,497	174,409	213,487	243,531	231,566	281,016
Coahoma Community College	31	28	36	120	0	0	0	0
Florida Memorial College	0	80	80	80	0	0	0	0
Harris Stowe State Col	0	20	325	0	260	3	4	0
Huston Tillotson College	47	173	0	0	0	0	8	0
Le Moyne Owen College	13	0	0	270	62	50	69	0
Lewis College of Business	0	0	0	0	0	98	0	0
Mary Holmes College	0	0	356	0	0	8	0	0
Miles College	0	0	0	0	0	0	7	0
Paul Quinn College	8	0	57	25	0	0	0	0
Shelton State Cmty Col	0	0	12	0	0	0	0	0
Total 1st 90 institutions	143,193	133,379	156,363	174,904	213,809	243,690	231,654	281,016
St Augustines College	309	47	140	32	0	0	0	0
Texas College	0	0	0	0	50	0	0	0
West Virginia State Col	121	44	165	251	305	182	363	0
Total 1st 93 institutions	143,623	133,470	156,668	175,187	214,164	243,872	232,017	281,016

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-21. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	281,016	177,015	5,715	230	31,296	26,586	40,174
1 Clark Atlanta University	25,753	22,097	0	19	2,030	1,402	205
2 Howard University	25,105	19,789	0	19	1,813	2,423	1,061
3 NC Ag & Tech State U	18,444	10,844	2,000	0	921	666	4,013
4 Florida A&M University	17,587	12,714	0	52	2,156	948	1,717
5 Meharry Medical College	14,923	10,420	1,008	0	2,030	1,465	0
6 Hampton University	11,975	8,857	100	0	2,782	0	236
7 Morehouse School of Med	11,662	8,420	1,750	0	186	1,281	25
8 Tennessee State U	10,745	7,216	314	0	677	211	2,327
9 Tuskegee University	10,742	7,955	0	0	528	524	1,735
10 Alabama A & M University	9,976	6,970	0	60	781	432	1,733
Total 1st 10 institutions	156,912	115,282	5,172	150	13,904	9,352	13,052
11 Prairie View A&M U	9,938	6,207	0	0	222	486	3,023
12 Southrn U A&M Col All Cmp	8,776	5,572	0	0	711	261	2,232
13 South Carolina St U	6,597	3,018	0	0	1,073	948	1,558
14 Morgan State University	6,296	5,014	0	0	617	0	665
15 Lincoln U (Jefrsn Cty MO)	5,886	2,358	0	0	679	224	2,625
16 Kentucky State University	5,643	2,840	0	0	138	170	2,495
17 Jackson State University	5,532	3,772	0	0	980	590	190
18 Texas Southern U	4,912	3,973	0	0	140	558	241
19 Virginia State University	4,793	2,269	0	0	356	217	1,951
20 Fort Valley State College	4,640	2,367	0	0	177	0	2,096
Total 1st 20 institutions	219,925	152,672	5,172	150	18,997	12,806	30,128
21 University of DC	4,581	2,507	0	0	335	752	987
22 U Arkansas Pine Bluff	4,322	1,685	0	0	595	452	1,590
23 Morehouse College	4,047	754	0	0	2,554	518	221
24 Alcorn State University	3,602	1,717	0	0	0	179	1,706
25 U MD Eastern Shore	3,419	1,689	0	0	427	95	1,208
26 Langston University	2,991	1,313	0	0	80	0	1,598
27 U of the Virgin Islands	2,824	1,368	0	0	152	318	986
28 Xavier University LA	2,711	1,686	0	0	459	566	0
29 Delaware State University	2,622	618	189	0	576	486	753
30 Spelman College	2,401	353	0	29	1,388	631	0
Total 1st 30 institutions	253,445	166,362	5,361	179	25,563	16,803	39,177
31 Lincoln U (Linc U PA)	2,368	453	0	0	349	1,566	0
32 Fisk University	2,259	1,761	0	0	0	498	0
33 Central State U OH	1,992	1,696	0	0	271	0	25
34 Morris Brown College	1,278	1,174	0	0	0	104	0
35 North Carolina Central U	1,254	206	0	0	391	657	0
36 Norfolk State University	1,015	480	0	0	72	257	206
37 Talladega College	1,013	428	0	0	430	155	0
38 Grambling State U	909	309	0	0	342	258	0
39 Benedict College	816	219	0	0	270	327	0
40 Selma University	732	306	0	0	0	426	0
Total 1st 40 institutions	267,081	173,394	5,361	179	27,688	21,051	39,408
41 Mississippi Valley St U	701	1	0	0	609	91	0
42 Alabama State University	695	56	0	0	258	381	0
43 Fayetteville State U	680	117	0	21	49	493	0
44 Claflin College	655	111	354	0	0	0	190
45 Winston Salem State U	650	0	0	0	126	524	0
46 Bennett College NC	642	188	0	0	247	207	0
47 Albany State College	627	0	0	0	176	451	0
48 Elizabeth City State U	575	251	0	0	100	224	0
49 Rust College	563	178	0	0	196	189	0
50 Johnson C Smith U	557	195	0	0	99	263	0
Total 1st 50 institutions	273,426	174,491	5,715	200	29,548	23,874	39,598

See explanatory information, if any, and SOURCE at end of table.

Table B-21. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
51 Coppin State College	553	75	0	0	199	279	0
52 Bethune Cookman College	517	88	0	0	135	294	0
53 Tougaloo College	494	0	0	0	272	222	0
54 Wilberforce University	477	477	0	0	0	0	0
55 Oakwood College	449	164	0	0	0	285	0
56 Virginia Union University	397	0	0	0	284	113	0
57 Stillman College	374	0	0	30	135	209	0
58 Dillard University	349	325	0	0	0	24	0
59 Bowie State University	320	132	0	0	188	0	0
60 Edward Waters College	300	300	0	0	0	0	0
Total 1st 60 institutions	277,656	176,052	5,715	230	30,761	25,300	39,598
61 Voorhees College	297	50	0	0	0	57	190
62 Lane College	294	0	0	0	197	97	0
63 Hinds Cmty Col Raymond	272	1	0	0	0	75	196
64 Jarvis Christian College	272	89	0	0	0	183	0
65 Livingstone College	267	0	0	0	0	267	0
66 Wiley College	263	73	0	0	0	0	190
67 Knoxville College	247	247	0	0	0	0	0
68 Philander Smith College	230	65	0	0	10	155	0
69 Shaw University	221	71	0	0	150	0	0
70 Savannah State College	212	34	0	0	178	0	0
Total 1st 70 institutions	280,231	176,682	5,715	230	31,296	26,134	40,174
71 Trenholm St Tech Col	202	178	0	0	0	24	0
72 St Pauls College VA	193	0	0	0	0	193	0
73 Paine College	155	155	0	0	0	0	0
74 SW Christian College	124	0	0	0	0	124	0
75 Morris College	65	0	0	0	0	65	0
76 Barber Scotia College	46	0	0	0	0	46	0
Total 1st 76 institutions	281,016	177,015	5,715	230	31,296	26,586	40,174

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-22. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	281,016	75,236	1,659	28,889	10,758	17,600	7,714	73,272	558	34,834	27,847	2,649
1 Clark Atlanta University	25,753	168	0	5,614	616	5,913	5,751	3,632	0	2,002	1,957	100
2 Howard University	25,105	154	81	3,540	1,243	2,087	137	9,539	0	2,780	5,236	308
3 NC Ag & Tech State U	18,444	6,121	0	2,199	302	353	108	826	53	3,412	3,619	1,451
4 Florida A&M University	17,587	2,947	0	1,441	355	4,055	0	2,965	0	3,924	1,831	69
5 Meharry Medical College	14,923	0	0	804	0	0	0	12,668	0	22	1,429	0
6 Hampton University	11,975	0	0	2,543	1,449	928	123	566	0	3,783	2,532	51
7 Morehouse School of Med	11,662	0	0	0	0	0	0	11,433	0	225	4	0
8 Tennessee State U	10,745	5,835	0	2,033	0	100	0	1,521	0	1,069	100	87
9 Tuskegee University	10,742	4,377	0	858	0	88	0	2,555	0	2,058	806	0
10 Alabama A & M University	9,976	4,433	0	1,873	497	0	0	314	31	1,157	1,671	0
Total 1st 10 institutions	156,912	24,035	81	20,905	4,462	13,524	6,119	46,019	84	20,432	19,185	2,066
11 Prairie View A&M U	9,938	6,398	0	101	0	936	0	486	0	1,917	58	42
12 Southrn U A&M Col All Cmp	8,776	3,576	52	1,197	271	293	391	1,533	0	1,036	353	74
13 South Carolina St U	6,597	3,816	1,526	33	347	482	0	183	0	0	183	27
14 Morgan State University	6,296	0	0	1,853	0	0	0	352	0	1,079	2,961	51
15 Lincoln U (Jefrsn Cty MO)	5,886	5,512	0	0	0	0	0	224	0	0	0	150
16 Kentucky State University	5,643	5,473	0	0	0	0	0	170	0	0	0	0
17 Jackson State University	5,532	0	0	565	216	617	50	1,889	180	125	1,890	0
18 Texas Southern U	4,912	0	0	0	241	0	658	3,427	0	586	0	0
19 Virginia State University	4,793	4,342	0	11	0	97	102	241	0	0	0	0
20 Fort Valley State College	4,640	4,096	0	0	137	242	0	0	40	0	125	0
Total 1st 20 institutions	219,925	57,248	1,659	24,665	5,674	16,191	7,320	54,524	304	25,175	24,755	2,410
21 University of DC	4,581	1,411	0	515	151	0	0	1,341	101	850	162	50
22 U Arkansas Pine Bluff	4,322	3,612	0	0	54	19	0	607	30	0	0	0
23 Morehouse College	4,047	0	0	200	221	6	109	977	0	2,337	197	0
24 Alcorn State University	3,602	3,395	0	0	0	0	0	207	0	0	0	0
25 U MD Eastern Shore	3,419	2,334	0	0	198	152	0	593	0	0	142	0
26 Langston University	2,991	2,896	0	0	80	15	0	0	0	0	0	0
27 U of the Virgin Islands	2,824	2,047	0	0	0	0	0	771	0	0	0	6
28 Xavier University LA	2,711	3	0	399	0	172	35	1,613	0	137	352	0
29 Delaware State University	2,622	1,631	0	61	24	0	0	690	0	19	197	0
30 Spelman College	2,401	0	0	0	0	0	0	631	0	1,388	382	0
Total 1st 30 institutions	253,445	74,577	1,659	25,840	6,402	16,555	7,464	61,954	435	29,906	26,187	2,466
31 Lincoln U (Linc U PA)	2,368	20	0	358	1,566	0	0	169	0	180	75	0
32 Fisk University	2,259	0	0	125	114	247	0	384	0	1,061	167	161
33 Central State U OH	1,992	0	0	325	0	262	0	311	0	1,013	75	6
34 Morris Brown College	1,278	0	0	905	43	0	0	254	0	0	76	0
35 North Carolina Central U	1,254	0	0	20	0	0	100	1,112	0	0	22	0
36 Norfolk State University	1,015	0	0	0	0	67	0	332	0	590	26	0
37 Talladega College	1,013	0	0	0	16	0	0	858	0	0	139	0
38 Grambling State U	909	0	0	100	0	0	0	787	22	0	0	0
39 Benedict College	816	0	0	0	0	200	0	597	0	19	0	0
40 Selma University	732	0	0	0	162	0	0	264	101	205	0	0
Total 1st 40 institutions	267,081	74,597	1,659	27,673	8,303	17,331	7,564	67,022	558	32,974	26,767	2,633
41 Mississippi Valley St U	701	609	0	0	91	0	0	0	0	1	0	0
42 Alabama State University	695	0	0	0	0	0	0	639	0	0	56	0
43 Fayetteville State U	680	0	0	0	0	15	0	493	0	88	84	0
44 Claflin College	655	0	0	0	190	39	0	0	0	0	426	0
45 Winston Salem State U	650	0	0	0	65	0	0	585	0	0	0	0
46 Bennett College NC	642	0	0	0	0	0	0	454	0	0	188	0
47 Albany State College	627	0	0	0	155	0	0	472	0	0	0	0
48 Elizabeth City State U	575	0	0	351	105	0	0	119	0	0	0	0
49 Rust College	563	10	0	163	0	0	0	385	0	0	0	5
50 Johnson C Smith U	557	0	0	0	0	0	0	362	0	100	95	0
Total 1st 50 institutions	273,426	75,216	1,659	28,187	8,909	17,385	7,564	70,531	558	33,163	27,616	2,638

See explanatory information, if any, and SOURCE at end of table.

Table B-22. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Coppin State College	553	0	0	0	278	0	0	200	0	75	0	0
52 Bethune Cookman College	517	0	0	0	0	0	0	429	0	88	0	0
53 Tougaloo College	494	0	0	0	0	0	0	494	0	0	0	0
54 Wilberforce University	477	0	0	0	0	0	0	0	0	432	45	0
55 Oakwood College	449	0	0	0	101	0	0	184	0	164	0	0
56 Virginia Union University	397	0	0	0	213	0	0	184	0	0	0	0
57 Stillman College	374	0	0	0	25	0	0	319	0	0	30	0
58 Dillard University	349	5	0	269	24	20	0	0	0	31	0	0
59 Bowie State University	320	0	0	90	0	0	0	24	0	206	0	0
60 Edward Waters College	300	0	0	0	0	0	0	0	0	300	0	0
Total 1st 60 institutions	277,656	75,221	1,659	28,546	9,550	17,405	7,564	72,365	558	34,459	27,691	2,638
61 Voorhees College	297	0	0	0	247	0	0	50	0	0	0	0
62 Lane College	294	0	0	0	0	19	0	78	0	197	0	0
63 Hinds Cmty Col Raymond	272	0	0	0	271	0	0	0	0	0	0	1
64 Jarvis Christian College	272	0	0	89	60	0	0	123	0	0	0	0
65 Livingstone College	267	0	0	0	267	0	0	0	0	0	0	0
66 Wiley College	263	0	0	0	190	0	0	0	0	0	73	0
67 Knoxville College	247	0	0	198	0	0	0	0	0	0	49	0
68 Philander Smith College	230	0	0	0	0	0	0	220	0	0	0	10
69 Shaw University	221	15	0	56	0	0	150	0	0	0	0	0
70 Savannah State College	212	0	0	0	0	0	0	178	0	0	34	0
Total 1st 70 institutions	280,231	75,236	1,659	28,889	10,585	17,424	7,714	73,014	558	34,656	27,847	2,649
71 Trenholm St Tech Col	202	0	0	0	24	0	0	0	0	178	0	0
72 St Pauls College VA	193	0	0	0	0	0	0	193	0	0	0	0
73 Paine College	155	0	0	0	0	155	0	0	0	0	0	0
74 SW Christian College	124	0	0	0	124	0	0	0	0	0	0	0
75 Morris College	65	0	0	0	0	0	0	65	0	0	0	0
76 Barber Scotia College	46	0	0	0	25	21	0	0	0	0	0	0
Total 1st 76 institutions	281,016	75,236	1,659	28,889	10,758	17,600	7,714	73,272	558	34,834	27,847	2,649

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
Total, all institutions	62,632	62,770	92,117	100,966	122,928	143,163	140,399	177,015
1 Clark Atlanta University	2,606	2,959	5,379	7,947	11,010	23,201	7,673	22,097
2 Howard University	9,173	6,719	12,291	15,541	19,124	19,433	18,417	19,789
3 Florida A&M University	2,526	2,194	3,340	4,480	10,121	7,314	9,247	12,714
4 NC Ag & Tech State U	3,421	4,234	6,617	6,078	5,955	6,199	11,284	10,844
5 Meharry Medical College	5,197	3,865	5,923	6,608	8,728	9,154	6,214	10,420
6 Hampton University	1,629	1,686	3,464	5,094	5,672	5,244	6,157	8,857
7 Morehouse School of Med	2,188	2,211	3,862	4,911	6,051	6,369	3,904	8,420
8 Tuskegee University	3,027	3,323	3,627	4,151	5,165	5,345	6,993	7,955
9 Tennessee State U	2,849	2,751	3,031	3,988	5,467	5,242	4,997	7,216
10 Alabama A & M University	3,580	3,863	4,477	4,702	5,411	6,723	6,444	6,970
Total 1st 10 institutions	36,196	33,805	52,011	63,500	82,704	94,224	81,330	115,282
11 Prairie View A&M U	2,345	2,526	2,839	3,296	3,472	4,145	4,916	6,207
12 Southrn U A&M Col All Cmp	1,710	1,543	1,991	2,079	2,599	2,685	4,724	5,572
13 Morgan State University	517	469	647	1,041	603	1,650	1,307	5,014
14 Texas Southern U	1,511	1,554	1,612	1,795	1,918	2,153	2,277	3,973
15 Jackson State University	1,827	2,314	3,204	3,136	3,184	4,190	6,374	3,772
16 South Carolina St U	1,189	1,154	1,593	1,536	1,839	2,263	2,287	3,018
17 Kentucky State University	1,848	1,789	1,919	2,397	2,364	2,355	2,650	2,840
18 University of DC	756	633	1,038	1,294	2,202	2,087	2,149	2,507
19 Fort Valley State College	1,432	1,594	1,684	2,014	1,897	2,554	2,598	2,367
20 Lincoln U (Jefrsn Cty MO)	1,447	1,552	1,674	1,902	1,909	2,088	1,887	2,358
Total 1st 20 institutions	50,778	48,933	70,212	83,990	104,691	120,394	112,499	152,910
21 Virginia State University	1,906	1,625	1,776	2,205	2,348	2,430	2,107	2,269
22 Fisk University	443	574	469	707	705	1,139	1,759	1,761
23 Alcorn State University	1,338	1,378	1,447	1,463	1,819	1,886	1,953	1,717
24 Central State U OH	0	135	227	605	441	428	1,139	1,696
25 U MD Eastern Shore	1,152	810	1,023	1,886	1,560	1,673	1,956	1,689
26 Xavier University LA	110	998	8,545	1,546	1,821	2,762	1,405	1,686
27 U Arkansas Pine Bluff	1,166	1,215	1,262	1,345	1,545	1,591	1,628	1,685
28 U of the Virgin Islands	1,026	1,091	1,052	1,053	1,048	1,167	1,210	1,368
29 Langston University	1,100	1,114	1,146	1,197	1,851	2,044	1,589	1,313
30 Morris Brown College	0	0	10	172	244	1,002	1,154	1,174
Total 1st 30 institutions	59,019	57,873	87,169	96,169	118,073	136,516	128,399	169,268
31 Morehouse College	43	428	333	391	778	523	796	754
32 Delaware State University	461	481	487	545	647	1,065	1,531	618
33 Norfolk State University	143	315	816	205	209	562	387	480
34 Wilberforce University	0	0	0	10	6	11	433	477
35 Lincoln U (Linc U PA)	351	272	648	661	525	318	1,232	453
36 Talladega College	0	0	0	0	222	0	239	428
37 Spelman College	215	294	230	255	320	282	1,252	353
38 Dillard University	41	0	0	10	24	100	120	325
39 Grambling State U	251	378	594	557	269	646	617	309
40 Selma University	141	183	0	140	0	139	127	306
Total 1st 40 institutions	60,665	60,224	90,277	98,943	121,073	140,162	135,133	173,771
41 Edward Waters College	0	0	0	0	0	0	0	300
42 Elizabeth City State U	0	12	0	88	29	70	257	251
43 Knoxville College	7	0	0	0	0	0	248	247
44 Benedict College	25	4	25	41	0	0	157	219
45 North Carolina Central U	344	545	402	395	411	214	521	206
46 Johnson C Smith U	0	0	0	7	11	35	0	195
47 Bennett College NC	40	41	45	106	90	251	206	188
48 Rust College	55	76	52	12	50	342	188	178
49 Trenholm St Tech Col	0	0	0	0	0	0	24	178
50 Oakwood College	75	0	0	0	0	198	0	164
Total 1st 50 institutions	61,211	60,902	90,801	99,592	121,664	141,272	136,734	175,897

See explanatory information, if any, and SOURCE at end of table.

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
51 Paine College	44	43	0	0	0	40	0	155
52 Bowie State University	130	171	0	155	175	228	541	132
53 Fayetteville State U	0	0	0	0	0	147	112	117
54 Claflin College	52	76	30	195	151	162	227	111
55 Jarvis Christian College	0	0	59	125	172	502	219	89
56 Bethune Cookman College	0	0	92	5	80	110	0	88
57 Coppin State College	0	0	0	25	25	0	0	75
58 Wiley College	0	0	55	113	58	59	199	73
59 Shaw University	0	0	0	20	32	52	74	71
60 Philander Smith College	0	0	5	0	6	0	0	65
Total 1st 60 institutions	61,437	61,192	91,042	100,230	122,363	142,572	138,106	176,873
61 Alabama State University	76	90	74	0	130	167	12	56
62 Voorhees College	48	62	63	14	0	0	324	50
63 Savannah State College	19	90	115	86	6	0	0	34
64 Hinds Cmty Col Raymond	0	0	0	0	0	2	369	1
65 Mississippi Valley St U	728	606	606	10	0	81	131	1
Albany State College	97	380	0	39	0	0	0	0
Barber Scotia College	0	0	0	0	0	0	238	0
Bishop College	64	67	0	0	0	0	0	0
Bluefield State College	0	0	0	50	60	0	76	0
Harris Stowe State Col	0	0	0	0	2	3	4	0
Total 1st 70 institutions	62,469	62,487	91,900	100,429	122,561	142,825	139,260	177,015
Huston Tillotson College	0	0	0	0	0	0	8	0
Lane College	0	0	0	0	0	0	44	0
Le Moyne Owen College	13	0	0	270	62	50	69	0
Lewis College of Business	0	0	0	0	0	98	0	0
Livingstone College	0	0	0	0	0	0	306	0
Mary Holmes College	0	0	0	0	0	8	0	0
Paul Quinn College	0	0	25	25	0	0	0	0
St Augustines College	0	0	50	0	0	0	0	0
Stillman College	0	0	0	0	0	0	25	0
Tougaloo College	0	156	0	0	0	0	0	0
Total 1st 80 institutions	62,482	62,643	91,975	100,724	122,623	142,981	139,712	177,015
Virginia Union University	0	0	0	0	0	0	324	0
West Virginia State Col	59	0	75	242	305	182	363	0
Winston Salem State U	91	127	67	0	0	0	0	0
Total 1st 83 institutions	62,632	62,770	92,117	100,966	122,928	143,163	140,399	177,015

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-24. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	177,015	35,436	778	26,562	760	17,381	7,414	37,245	24,834	24,209	2,396
1 Clark Atlanta University	22,097	168	0	4,315	0	5,913	5,751	1,922	1,990	1,938	100
2 Howard University	19,789	154	61	2,809	760	2,087	137	5,818	2,540	5,199	224
3 Florida A&M University	12,714	1,195	0	1,441	0	4,055	0	1,985	2,259	1,779	0
4 NC Ag & Tech State U	10,844	2,893	0	2,199	0	353	108	29	2,287	1,517	1,458
5 Meharry Medical College	10,420	0	0	804	0	0	0	8,187	0	1,429	0
6 Hampton University	8,857	0	0	2,543	0	928	123	0	3,067	2,196	0
7 Morehouse School of Med	8,420	0	0	0	0	0	0	8,191	225	4	0
8 Tuskegee University	7,955	2,425	0	858	0	88	0	1,720	2,058	806	0
9 Tennessee State U	7,216	2,867	0	2,033	0	100	0	1,132	984	100	0
10 Alabama A & M University	6,970	2,298	0	1,873	0	0	0	0	1,157	1,611	31
Total 1st 10 institutions	115,282	12,000	61	18,875	760	13,524	6,119	28,984	16,567	16,579	1,813
11 Prairie View A&M U	6,207	3,195	0	101	0	936	0	0	1,917	58	0
12 Southrn U A&M Col All Cmp	5,572	1,735	0	1,197	0	293	391	1,349	254	353	0
13 Morgan State University	5,014	0	0	1,853	0	0	0	0	522	2,639	0
14 Texas Southern U	3,973	0	0	0	0	0	658	2,729	586	0	0
15 Jackson State University	3,772	0	0	555	0	457	0	837	33	1,890	0
16 South Carolina St U	3,018	1,655	717	0	0	463	0	0	0	183	0
17 Kentucky State University	2,840	2,840	0	0	0	0	0	0	0	0	0
18 University of DC	2,507	543	0	397	0	0	0	454	850	162	101
19 Fort Valley State College	2,367	2,000	0	0	0	242	0	0	0	125	0
20 Lincoln U (Jefrsn Cty MO)	2,358	2,208	0	0	0	0	0	0	0	0	150
Total 1st 20 institutions	152,910	26,176	778	22,978	760	15,915	7,168	34,353	20,729	21,989	2,064
21 Virginia State University	2,269	2,070	0	0	0	97	102	0	0	0	0
22 Fisk University	1,761	0	0	125	0	247	0	0	1,061	167	161
23 Alcorn State University	1,717	1,689	0	0	0	0	0	28	0	0	0
24 Central State U OH	1,696	0	0	300	0	262	0	40	1,013	75	6
25 U MD Eastern Shore	1,689	923	0	0	0	152	0	472	0	142	0
26 Xavier University LA	1,686	3	0	399	0	172	35	725	0	352	0
27 U Arkansas Pine Bluff	1,685	1,636	0	0	0	19	0	0	0	0	30
28 U of the Virgin Islands	1,368	1,061	0	0	0	0	0	301	0	0	6
29 Langston University	1,313	1,298	0	0	0	15	0	0	0	0	0
30 Morris Brown College	1,174	0	0	905	0	0	0	254	0	15	0
Total 1st 30 institutions	169,268	34,856	778	24,707	760	16,879	7,305	36,173	22,803	22,740	2,267
31 Morehouse College	754	0	0	200	0	6	109	242	0	197	0
32 Delaware State University	618	530	0	61	0	0	0	0	19	8	0
33 Norfolk State University	480	0	0	0	0	67	0	75	338	0	0
34 Wilberforce University	477	0	0	0	0	0	0	0	432	45	0
35 Lincoln U (Linc U PA)	453	20	0	358	0	0	0	0	0	75	0
36 Talladega College	428	0	0	0	0	0	0	289	0	139	0
37 Spelman College	353	0	0	0	0	0	0	0	0	353	0
38 Dillard University	325	5	0	269	0	20	0	0	31	0	0
39 Grambling State U	309	0	0	100	0	0	0	187	0	0	22
40 Selma University	306	0	0	0	0	0	0	0	205	0	101
Total 1st 40 institutions	173,771	35,411	778	25,695	760	16,972	7,414	36,966	23,828	23,557	2,390
41 Edward Waters College	300	0	0	0	0	0	0	0	300	0	0
42 Elizabeth City State U	251	0	0	251	0	0	0	0	0	0	0
43 Knoxville College	247	0	0	198	0	0	0	0	0	49	0
44 Benedict College	219	0	0	0	0	200	0	0	19	0	0
45 North Carolina Central U	206	0	0	20	0	0	0	164	0	22	0
46 Johnson C Smith U	195	0	0	0	0	0	0	0	100	95	0
47 Bennett College NC	188	0	0	0	0	0	0	0	0	188	0
48 Rust College	178	10	0	163	0	0	0	0	0	0	5
49 Trenholm St Tech Col	178	0	0	0	0	0	0	0	178	0	0
50 Oakwood College	164	0	0	0	0	0	0	0	164	0	0
Total 1st 50 institutions	175,897	35,421	778	26,327	760	17,172	7,414	37,130	24,589	23,911	2,395

See explanatory information, if any, and SOURCE at end of table.

Table B-24. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
51 Paine College	155	0	0	0	0	155	0	0	0	0	0
52 Bowie State University	132	0	0	90	0	0	0	0	42	0	0
53 Fayetteville State U	117	0	0	0	0	15	0	0	39	63	0
54 Claflin College	111	0	0	0	0	39	0	0	0	72	0
55 Jarvis Christian College	89	0	0	89	0	0	0	0	0	0	0
56 Bethune Cookman College	88	0	0	0	0	0	0	0	88	0	0
57 Coppin State College	75	0	0	0	0	0	0	0	75	0	0
58 Wiley College	73	0	0	0	0	0	0	0	0	73	0
59 Shaw University	71	15	0	56	0	0	0	0	0	0	0
60 Philander Smith College	65	0	0	0	0	0	0	65	0	0	0
Total 1st 60 institutions	176,873	35,436	778	26,562	760	17,381	7,414	37,195	24,833	24,119	2,395
61 Alabama State University	56	0	0	0	0	0	0	0	0	56	0
62 Voorhees College	50	0	0	0	0	0	0	50	0	0	0
63 Savannah State College	34	0	0	0	0	0	0	0	0	34	0
64 Hinds Cmty Col Raymond	1	0	0	0	0	0	0	0	0	0	1
65 Mississippi Valley St U	1	0	0	0	0	0	0	0	1	0	0
Total 1st 65 institutions	177,015	35,436	778	26,562	760	17,381	7,414	37,245	24,834	24,209	2,396

1 The Department of Defense (DoD) states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

2 Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-25. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all systems	5,051,278	437,721	71,048	514,595	72,142	225,151	65,268	2,439,054	313,955	855,723	56,621
1 U of California Sys	1,162,709	36,446	13,616	100,876	1,689	64,665	5,476	683,096	59,263	188,358	9,224
2 U of Texas Sys	419,388	1,057	187	66,489	2,019	13,438	2,978	277,543	15,191	39,490	996
3 U of North Carolina Sys	277,074	34,506	7,042	18,321	3,790	4,171	11,211	148,095	7,593	36,852	5,493
4 U of Wisconsin Sys	262,135	24,836	3,618	20,777	4,365	19,039	2,726	123,113	13,411	49,294	956
5 U of Illinois Sys	218,099	22,154	940	23,674	2,894	11,869	558	75,132	3,854	76,477	547
6 State U Sys of Florida	208,262	21,968	5,014	34,117	3,621	15,734	1,584	62,431	16,391	43,93[illegible]	3,464
7 Columbia U Sys	203,190	260	0	11,316	369	9,803	199	142,342	6,079	32,245	577
8 U & State Col of AZ Sys	194,876	10,718	590	20,539	3,837	5,217	2,834	65,513	50,834	31,670	3,124
9 U Sys of Georgia	184,006	27,880	8,194	58,160	2,016	13,437	4,733	36,044	6,074	25,599	1,869
10 U of Maryland Sys	180,261	14,660	4,462	24,141	2,311	8,303	4,182	70,894	20,261	29,826	1,221
11 State U of New York Sys	170,706	2,244	0	8,460	4,352	6,386	787	104,183	3,993	37,839	2,462
12 Oregon St Higher Ed Sys	151,557	20,710	3,469	7,654	5,443	8,614	3,864	68,125	3,715	26,569	3,394
13 Utah Higher Ed Sys	146,157	9,707	344	28,187	2,377	3,754	2,270	66,814	13,641	16,772	2,291
14 U of Alabama Sys	144,840	108	0	10,803	2,129	3,045	1,440	99,933	18,926	7,923	533
15 Texas A&M U Sys	102,498	39,183	2,137	10,039	649	6,214	1,265	18,956	6,596	15,532	1,927
16 City U of New York Sys	96,623	0	0	3,549	2,452	1,445	0	70,149	1,660	16,160	1,208
17 U of Massachusetts Sys	90,850	9,086	229	9,342	974	2,424	820	46,953	1,926	18,272	824
18 Indiana U Sys	90,785	145	0	1,697	1,466	3,346	338	63,019	1,216	19,366	192
19 Louisiana State U Sys	80,601	13,799	2,834	17,260	607	2,003	4,522	28,584	2,136	6,453	2,403
20 U of Hawaii Sys	73,304	12,716	8,459	3,719	1,110	3,167	0	19,170	8,582	15,016	1,365
21 U of Tennessee Sys	65,891	19,721	101	3,810	524	5,717	669	25,562	1,559	7,486	742
22 CA State U & Cols Sys	65,274	841	25	5,316	10,724	657	226	17,612	7,954	20,626	1,293
23 U of Missouri Sys	63,416	23,288	291	2,814	1,673	1,548	456	20,259	1,067	10,411	1,609
24 U of Arkansas Sys	56,600	22,832	0	5,653	3,131	299	298	17,300	919	4,922	1,246
25 U of Nebraska Sys	50,132	16,629	0	2,603	412	701	259	17,031	1,684	10,410	403
26 U of Puerto Rico Sys	44,376	12,755	11	1,050	374	53	394	18,748	2,549	8,241	201
27 U of Alaska Sys	40,289	3,681	3,557	1,576	325	473	128	2,107	13,413	11,937	3,092
28 Montana U Sys	34,145	10,348	400	1,638	958	414	616	5,153	1,359	12,585	674
29 U of Nevada Sys	31,353	4,024	606	205	261	4,093	5,083	7,277	597	7,268	1,939
30 U of Houston Sys	25,346	15	177	2,536	85	994	442	6,644	9,193	5,250	10
31 U of New Hampshire Sys	23,110	4,471	527	346	168	713	932	3,185	8,591	3,956	221
32 U of Maine Sys	20,945	9,200	3,254	1,769	513	214	928	1,857	94	2,873	243
33 St U & CC Sys Tennessee	18,265	6,223	0	2,497	396	312	250	5,194	1,200	1,760	433
34 Southern Illinois U Sys	16,726	988	0	[illegible]	1,123	284	30	11,678	252	2,261	58
35 U of Louisiana Sys	6,644	280	0	57[illegible]	422	19	80	3,290	201	1,557	223
36 Texas State University Sys	6,545	76	900	50	666	172	2,500	657	138	1,386	0
37 State U Sys Minnesota	3,719	62	64	2,542	110	19	0	251	71	600	0
38 U of South Dakota Sys	3,412	14	0	0	31	0	0	1,872	31	1,464	0
39 Maricopa Co CC Sys	2,293	0	0	134	0	0	0	0	0	2,159	0
40 Dallas Co Cmty Col Sys	2,276	0	0	0	0	2,276	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-25. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
41 State Sys of Higher Ed	1,973	75	0	0	97	0	90	828	0	784	99
42 Inter American U PR Sys	1,808	0	0	0	752	0	0	310	0	746	0
43 Minnesota Cmty Col Sys	1,747	0	0	0	216	100	0	1,113	0	272	46
44 Foothill-Deanza CC Dist	1,717	0	0	0	0	0	0	0	1,622	95	0
45 Claremont Cols Sys	1,408	5	0	0	271	0	0	297	88	747	0
46 Los Angeles Cmty Col Sys	523	0	0	0	75	0	0	392	0	56	0
47 Virginia Cmty Col Sys	504	10	0	30	0	19	0	100	0	345	0
48 Massachusetts CC Sys	488	0	0	0	0	0	0	0	0	487	1
49 Mesa Co Jr Col Dis Sys	400	0	0	0	0	0	0	0	0	400	0
50 Fundacion Ed G Mendez	354	0	0	0	186	0	100	0	0	68	0
51 Peralta Cmty Col Sys	329	0	0	0	0	0	0	0	0	329	0
52 Massachusetts St Col Sys	312	0	0	0	0	0	0	150	31	131	0
53 West Valley Joint CC Sys	300	0	0	0	0	0	0	0	0	300	0
54 Troy State U Sys	217	0	0	100	71	0	0	21	0	25	0
55 San Diego Dist CC Sys	182	0	0	182	0	0	0	0	0	0	0
56 Cmty Col of Denver Sys	175	0	0	0	108	0	0	67	0	0	0
57 Washington St CC Dist 17	75	0	0	0	0	0	0	0	0	57	18
58 Metro CC Admin Ctr Sys	39	0	0	0	0	0	0	0	0	39	0
59 Contra Costa CC Dist Sys	21	0	0	0	0	0	0	0	0	21	0
60 CA Schl Prof Psych Sys	10	0	0	0	0	0	0	10	0	0	0
61 Ventura Co CC Dist Sys	9	0	0	0	0	0	0	0	0	9	0
62 Illinois Eastern CC Sys	9	0	0	0	0	0	0	0	0	9	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Includes obligations to every individual institution included within each system

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-26. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all systems	4,314,247	216,242	43,839	458,899	16,291	216,499	60,507	2,269,208	276,838	702,057	53,867
1 U of California Sys	1,069,517	21,470	11,636	93,919	1,245	63,914	5,476	641,918	57,915	162,921	9,103
2 U of Texas Sys	376,413	1,057	169	54,632	0	13,294	2,262	260,464	11,958	31,656	921
3 U of Wisconsin Sys	224,043	11,975	1,669	20,687	2,435	17,903	2,726	115,062	12,920	37,710	956
4 U of North Carolina Sys	221,925	15,599	5,639	16,404	304	4,095	8,162	134,541	6,036	26,471	4,674
5 Columbia U Sys	192,569	260	0	11,002	127	9,603	199	134,420	6,001	30,380	577
6 U of Illinois Sys	186,700	9,828	543	22,729	795	11,821	494	69,918	3,211	66,814	547
7 U & State Col of AZ Sys	174,385	6,259	557	20,132	1,113	5,192	2,705	60,313	49,727	25,385	3,002
8 State U Sys of Florida	171,454	12,040	2,533	33,614	69	15,710	1,366	55,424	11,810	35,616	3,272
9 U of Maryland Sys	155,076	6,653	3,680	23,859	0	7,967	4,007	67,484	19,059	21,209	1,158
10 State U of New York Sys	154,302	2,244	0	8,399	2,912	6,364	641	99,174	3,877	28,253	2,438
11 U of Alabama Sys	134,191	108	0	10,595	1,300	1,795	1,440	96,299	17,302	4,819	533
12 Oregon St Higher Ed Sys	126,632	12,842	1,654	7,642	1,014	8,578	3,809	61,806	3,457	22,436	3,394
13 Utah Higher Ed Sys	124,757	5,311	308	27,716	121	3,726	2,270	64,649	4,241	14,229	2,186
14 U Sys of Georgia	122,693	12,318	701	30,907	125	12,793	4,733	33,899	4,781	20,655	1,761
15 City U of New York Sys	87,573	0	0	3,541	1,009	1,445	0	63,589	1,576	15,413	1,000
16 Indiana U Sys	82,941	145	0	1,695	122	3,296	338	59,479	1,118	16,556	192
17 U of Massachusetts Sys	80,578	4,835	229	8,056	0	2,349	820	44,864	1,860	16,744	821
18 Texas A&M U Sys	68,473	16,481	1,160	8,740	0	6,007	1,265	17,831	5,138	10,162	1,689
19 Louisiana State U Sys	67,832	6,020	1,219	17,260	0	1,838	4,522	26,435	1,734	6,428	2,376
20 U of Hawaii Sys	62,203	10,873	6,337	3,710	0	2,656	0	17,240	6,777	13,320	1,290
21 U of Tennessee Sys	48,020	6,202	101	3,810	0	5,675	669	24,388	1,449	4,984	742
22 U of Missouri Sys	43,613	9,583	151	2,799	775	1,436	456	17,237	1,045	8,522	1,609
23 CA State U & Cols Sys	42,644	841	25	4,042	650	479	85	10,295	6,787	18,184	1,256
24 U of Arkansas Sys	37,151	10,007	0	5,343	1,544	279	298	15,481	683	2,650	866
25 U of Alaska Sys	35,716	1,742	2,706	1,576	0	473	128	2,010	12,664	11,325	3,092
26 U of Nebraska Sys	35,478	8,761	0	2,601	0	681	259	15,750	1,255	5,787	384
27 U of Nevada Sys	27,328	2,168	209	205	0	4,041	5,015	6,556	427	6,768	1,939
28 Montana U Sys	25,197	4,971	400	1,558	631	414	616	4,684	1,144	10,121	658
29 U of Puerto Rico Sys	25,040	4,331	0	1,050	0	28	394	13,432	2,099	3,560	146
30 U of Houston Sys	23,609	15	17	2,536	0	994	442	6,482	8,464	4,649	10
31 U of New Hampshire Sys	19,930	2,176	383	346	0	713	932	2,988	8,354	3,817	221
32 Southern Illinois U Sys	14,565	988	0	40	0	284	30	11,525	208	1,432	58
33 U of Maine Sys	13,586	4,640	1,749	1,769	0	172	928	1,779	94	2,212	243
34 St U & CC Sys Tennessee	13,417	2,977	0	2,497	0	312	250	4,322	1,071	1,642	346
35 U of Louisiana Sys	5,370	280	0	572	0	0	80	2,610	155	1,450	223
36 Texas State University Sys	3,898	76	0	50	0	172	2,500	643	116	341	0
37 State U Sys Minnesota	3,252	62	64	2,542	0	0	0	226	71	287	0
38 U of South Dakota Sys	2,946	14	0	0	0	0	0	1,601	31	1,300	0
39 Maricopa Co CC Sys	2,254	0	0	134	0	0	0	0	0	2,120	0
40 Minnesota Cmty Col Sys	1,431	0	0	0	0	0	0	1,113	0	272	46

See explanatory information, if any, and SOURCE at end of table.

Table B-26. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

System of universities and colleges	Total	USDA	Com	DoD [1]	Ed	DOE	EPA	HHS	NASA	NSF	Other [2]
41 State Sys of Higher Ed	1,333	75	0	0	0	0	90	820	0	249	99
42 Claremont Cols Sys	1,018	5	0	0	0	0	0	297	88	628	0
43 Inter American U PR Sys	607	0	0	0	0	0	0	0	0	607	0
44 Massachusetts CC Sys	432	0	0	0	0	0	0	0	0	431	1
45 Mesa Co Jr Col Dis Sys	400	0	0	0	0	0	0	0	0	400	0
46 Peralta Cmty Col Sys	329	0	0	0	0	0	0	0	0	329	0
47 West Valley Joint CC Sys	300	0	0	0	0	0	0	0	0	300	0
48 Massachusetts St Col Sys	297	0	0	0	0	0	0	150	31	116	0
49 Virginia Cmty Col Sys	250	10	0	0	0	0	0	0	0	240	0
50 San Diego Dist CC Sys	182	0	0	182	0	0	0	0	0	0	0
51 Fundacion Ed G Mendez	168	0	0	0	0	0	100	0	0	68	0
52 Foothill-Deanza CC Dist	104	0	0	0	0	0	0	0	104	0	0
53 Washington St CC Dist 17	75	0	0	0	0	0	0	0	0	57	18
54 Troy State U Sys	33	0	0	8	0	0	0	0	0	25	0
55 CA Schl Prof Psych Sys	10	0	0	0	0	0	0	10	0	0	0
56 Los Angeles Cmty Col Sys	7	0	0	0	0	0	0	0	0	7	0

1 The Department of Defense (DoD) states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-18 for DoD obligations to individual institutions, by research and development breakdowns.

2 Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Includes obligations to every individual institution included within each system

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-27. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
Total, all institutions	1,784,132	1,956,118	2,110,154	2,283,717	2,788,874	3,203,510	3,177,723	3,129,906
1 Mitre Corporation	11,133	7,730	17,297	10,339	256,088	247,720	245,731	236,086
2 Draper Laboratories	196,739	194,279	142,685	136,012	67,725	41,113	64,327	168,154
3 MA General Hospital	44,548	45,828	56,838	66,461	81,498	90,594	89,109	104,162
4 Brigham and Womens Hosp	47,779	53,370	59,894	61,715	79,509	82,081	86,394	98,234
5 Natl Academy of Sciences	55,131	59,088	63,490	55,376	57,985	76,839	75,895	93,467
6 Sematech, Inc	0	100,000	100,000	100,000	96,700	97,600	92,935	88,696
7 Scripps Clinic & Rsch Fdn	46,628	52,423	54,549	57,706	55,798	69,467	72,560	82,915
8 Battelle Memorial Inst	69,515	49,537	51,666	42,615	53,428	62,957	78,524	81,051
9 H M Jackson Foundation	1,507	3,465	5,928	28,448	7,330	9,383	9,442	77,572
10 Research Triangle Inst	53,253	53,015	61,663	54,106	57,760	50,049	44,105	63,662
Total 1st 10 institutions	526,233	618,735	614,010	612,778	813,821	827,803	859,022	1,093,999
11 F Hutchnsn Cancer Rsch	27,683	35,927	40,833	44,047	51,856	56,201	54,622	62,757
12 Assc U Rsch & Astronomy	17,787	23,739	27,346	31,672	47,349	47,540	54,816	60,227
13 SRI International	82,382	79,364	60,986	54,390	52,548	63,169	64,368	57,254
14 Sidney Farber Cancer Inst	31,391	37,430	41,799	41,687	43,222	50,369	51,700	54,502
15 Sloan Kettering Cancer	43,207	40,257	44,595	43,609	46,238	48,551	48,438	49,213
16 IIT Research Institute	62,117	79,175	91,856	69,696	24,542	78,139	61,310	48,270
17 Natl Ctr Manufactrng Sci	0	0	0	0	35,270	3,248	37,861	43,741
18 Child Hosp (Boston, MA)	21,071	21,688	23,366	27,030	28,355	32,674	32,816	38,954
19 Southern Research Inst	16,475	23,801	21,307	21,144	20,132	19,880	22,528	38,308
20 Universities Space Rsch	3,759	3,166	8,651	8,447	29,295	32,157	31,883	37,987
Total 1st 20 institutions	832,105	963,282	974,749	954,500	1,192,628	1,259,731	1,319,364	1,585,212
21 Salk Inst for Biol Study	26,396	27,986	27,184	29,405	34,738	36,698	33,785	35,751
22 Joint Ocean Insts, Inc	23,596	25,001	26,213	26,392	29,327	29,306	30,487	34,200
23 Analytic Services, Inc	25,020	26,050	28,475	24,397	40,655	34,799	29,786	33,673
24 SC Research Authority	0	0	3,500	66	158	71,354	18,219	31,324
25 Southwest Research Inst	43,386	31,566	32,104	29,344	20,810	22,072	29,917	27,723
26 New Eng Med Ctr & Hosp	17,834	20,190	19,887	17,357	21,423	21,613	23,642	25,303
27 Beth Isrl Hosp (Bstn MA)	13,196	11,532	15,684	16,155	18,243	20,315	23,142	24,964
28 Am Assc Retired Persons	0	0	0	51	0	20,384	1,122	24,948
29 Waste Policy Institute	0	0	762	0	194	1,009	20,300	21,876
30 Cleveland Clinic Fdn	9,866	10,280	12,506	11,078	13,087	14,246	14,139	21,285
Total 1st 30 institutions	991,399	1,115,887	1,141,064	1,108,745	1,371,263	1,531,527	1,543,903	1,866,259
31 Cold Spring Harbor Lab	11,841	13,296	13,447	16,519	17,762	19,799	19,858	20,544
32 Midwest Research Inst	13,249	11,294	10,521	5,258	7,807	23,372	20,267	20,429
33 MPC Corporation	1,354	1,664	12,520	15,763	18,065	18,663	18,053	20,385
34 Focus Hope	0	0	0	0	0	18,600	18,671	20,193
35 St Jude Child Rsch Hosp	11,179	11,289	11,756	12,137	13,796	16,458	18,737	19,951
36 Child Hosp Phila	9,499	11,217	11,619	11,888	12,782	14,989	17,329	19,916
37 Rand Corporation[1]	46,876	32,902	33,051	90,006	87,512	14,170	11,506	19,048
38 Merit Network, Inc	0	0	0	1,126	8,863	11,596	13,407	18,108
39 Whitehead Inst Biomed	6,779	8,251	8,239	8,523	8,666	7,792	15,895	17,632
40 Jackson Laboratory	9,283	9,445	10,600	19,688	19,972	11,353	12,994	16,588
Total 1st 40 institutions	1,101,459	1,215,245	1,252,817	1,289,653	1,566,488	1,688,319	1,710,620	2,059,053
41 Natl Jewish Ctr Immunolgy	9,486	8,854	9,705	10,284	12,019	13,409	14,142	16,368
42 Kaiser Fdn Rsch Inst	7,087	8,030	9,375	9,869	9,244	10,415	10,902	15,990
43 Rush Presbyterian St Luke	4,996	5,363	5,791	7,173	9,196	10,381	13,449	14,433
44 Montefiore Hosp & Med Ctr	7,002	9,107	9,260	9,781	10,698	11,309	11,305	13,054
45 Wistar Institute	19,181	20,163	21,986	20,889	21,131	19,014	14,302	12,893
46 Child Hosp Pittsburgh	3,160	18,267	3,749	3,615	11,826	7,084	5,200	12,800
47 New Eng Deaconess Hosp	5,351	6,723	9,484	7,678	9,363	10,630	13,977	12,673
48 La Jolla Cancer Rsch Fdn	7,137	7,632	8,756	8,371	8,777	12,021	11,923	12,201
49 Chabot Obsrvtry & Sci Ctr	0	0	0	0	0	0	0	12,000
50 Henry Ford Hospital	7,796	6,836	8,656	8,637	745	12,634	561	11,717
Total 1st 50 institutions	1,172,655	1,306,220	1,339,579	1,376,150	1,659,487	1,795,216	1,806,381	2,193,182

See explanatory information, if any, and SOURCE at end of table.

Table B-27. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1994: fiscal years 1987-94

[Thousands of dollars]

Institution and ranking	1987	1988	1989	1990	1991	1992	1993	1994
51 American Hlth Fdn, Inc	12,030	12,947	11,780	11,516	11,324	8,515	11,706	11,504
52 Med Rsch Fdn Oregon	7,281	7,509	9,608	9,558	9,210	10,102	4,585	11,173
53 Natl Biomedical Rsch Fdn	205	179	1,729	1,092	1,015	1,041	14,580	11,119
54 Urban Institute	2,487	4,428	7,064	5,321	3,730	7,892	7,839	11,107
55 Cedars Sinai Med Ctr	4,815	5,486	6,585	5,484	4,977	7,196	9,179	10,888
56 Environmental Rsch Inst	5,381	7,794	13,773	18,241	14,714	16,266	21,540	10,817
57 Joslin Diabetes Fdn Inc	5,405	5,191	4,129	4,829	5,239	7,270	7,955	10,742
58 Am Soc Engineering Ed	4,076	1,986	13,457	5,050	20,465	6,754	9,288	10,504
59 Child Hosp Med Ctr Cincin	5,283	5,531	4,566	5,488	7,059	8,484	7,980	10,165
60 McLean Hospital	7,863	7,574	10,444	10,759	10,324	11,747	10,511	10,032
Total 1st 60 institutions	1,227,481	1,364,845	1,422,714	1,453,488	1,747,544	1,880,483	1,911,544	2,301,233
61 Worcester Fdn Exper Bio	9,209	9,644	10,130	9,605	9,356	9,546	8,661	9,497
62 Jewish Hosp of St Louis	6,420	8,184	9,656	10,914	12,553	10,504	8,971	9,227
63 Am Col of Radiology	0	0	0	5	0	0	7,243	9,084
64 American Iron Steel Inst	0	0	7,985	9,254	8,423	10,394	12,183	9,070
65 Ctr Blood Research	4,991	5,444	6,662	7,064	7,474	9,564	8,066	8,991
66 Am Inst Biological Sci	1,079	922	916	1,874	1,220	1,661	2,130	8,983
67 Microelectronics Ctr	0	0	0	95	75	868	8,180	8,822
68 Am Cancer Rsch Ctr & Hosp	507	949	617	346	696	3,619	5,351	8,579
69 Carnegie Inst Washington	3,191	3,107	3,086	3,580	3,925	5,558	6,368	8,513
70 Beckman Research Inst	3,849	6,659	6,119	6,643	5,766	8,089	7,804	8,438
Total 1st 70 institutions	1,256,787	1,399,754	1,467,885	1,502,868	1,797,032	1,940,286	1,986,501	2,390,437
71 Mayo Foundation	39,823	38,617	39,801	37,521	43,232	6,673	4,977	8,434
72 Tech Education Rsch Ctr	1,192	1,693	1,739	4,281	6,509	8,374	5,076	8,265
73 U TN Calspn Aero Rsch	0	0	0	0	10,745	18,750	23,651	8,214
74 Natl Bureau Econ Rsch Inc	2,778	3,002	4,608	4,516	4,285	5,569	5,214	8,113
75 Child Hosp Los Angeles	4,043	5,323	6,911	7,427	8,921	9,048	7,474	8,045
76 Oregon Research Inst	2,307	2,956	2,944	4,692	5,294	6,166	6,556	7,837
77 Inst for Cancer Research	14,397	13,953	505	149	8,865	7,062	9,578	7,741
78 MA Eye & Ear Infirmary	6,669	6,676	6,322	6,659	6,490	7,345	6,976	7,719
79 University Hosp (Bstn MA)	4,797	4,772	4,842	5,937	7,590	7,517	6,645	7,410
80 Inc Rsch Insts Seismology	0	0	0	0	295	342	53	7,310
Total 1st 80 institutions	1,332,793	1,476,746	1,535,557	1,574,050	1,899,258	2,017,132	2,062,701	2,469,525
81 St Lukes Inst for Health	3,632	4,026	3,872	4,798	4,167	4,694	5,905	7,305
82 Natl Caucus Ctr Black Age	0	0	0	0	0	275	1,247	7,258
83 Syracuse Research Corp	7,123	5,322	1,509	1,775	3,744	5,394	6,252	7,252
84 Ohio Aerospace Institute	0	0	0	0	2,755	5,482	7,109	6,455
85 Schepens Eye Rsch Inst	6,170	6,071	6,342	6,249	7,555	6,300	5,906	6,335
86 Boston Biomedical Rsch	4,201	3,759	4,384	4,079	3,854	5,442	5,873	6,172
87 Pacific Inst Rsch&Eval MD	222	453	498	171	2,657	0	4,308	6,065
88 Child Orthopedic Hospital	1,664	1,440	1,815	1,610	3,019	4,378	4,435	6,015
89 Earth Conservancy	0	0	0	0	0	0	0	5,942
90 Assc American Railroads	5,121	9,201	9,218	11,507	9,534	2,354	5,671	5,936
Total 1st 90 institutions	1,360,926	1,507,018	1,563,195	1,604,239	1,936,543	2,051,451	2,109,407	2,534,260
91 Forsyth Dental Center	4,358	4,590	4,874	5,387	5,856	6,297	5,366	5,878
92 Oklahoma Med Rsch Fdn	6,455	6,139	4,826	4,527	5,781	5,526	5,490	5,863
93 Child Hosp Natl Med Ctr	1,087	1,491	1,958	2,358	2,485	3,320	4,505	5,794
94 Education Development Ctr	1,082	454	2,460	2,680	2,298	6,042	7,940	5,594
95 Kuakini Med Rsch Inst	1,708	424	1,202	1,204	3,018	3,034	2,710	5,477
96 Jay David Gladstone Fdn	1,562	1,346	2,371	2,896	2,049	4,609	5,225	5,456
97 CA Public Hlth Foundation	859	904	1,128	1,169	1,667	1,761	1,232	5,413
98 Public Health Res Inst	4,254	4,558	4,920	4,394	4,680	4,962	4,968	5,390
99 Edison Weld Inst	60	63	0	24	131	0	6,297	5,220
100 Presbyterian Hosp in NY	0	1,379	1,482	2,194	2,596	2,596	2,596	5,192
Total 1st 100 institutions	1,382,351	1,528,366	1,588,416	1,631,072	1,967,104	2,089,598	2,155,736	2,589,537

[1] The fiscal year (FY) 1992, 1993, and 1994 obligations from the Department of Defense (DoD) to the Rand Corp. were mostly reported to three federally funded research and development centers administered by the Rand Corp.: Project Air Force, the Arroyo Center, and the National Defense Research Institute. FY 1991 obligations from DoD for the four entities were all reported as the Rand Corp.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	3,129,906	14,314	3,877	1,000,715	11,442	105,794	115,763	1,413,409	196,824	220,219	47,549
New England, total	966,766	387	263	398,443	745	5,312	4,466	499,569	17,896	37,737	1,948
Connecticut, total	11,159	0	0	353	0	24	364	7,124	142	3,152	0
Am Acad Vet Phrm&Thraptcs	1	0	0	0	0	0	0	1	0	0	0
CT Bus & Indust Assc	717	0	0	0	0	0	0	0	0	717	0
Discovery Museum	654	0	0	0	0	0	0	0	0	654	0
Haskins Laboratories, Inc	3,029	0	0	0	0	0	0	2,889	0	140	0
John B Pierce Fdn of CT	3,358	0	0	353	0	0	74	2,839	92	0	0
Natl Org Rare Disorders	4	0	0	0	0	0	0	4	0	0	0
Science Center of CT	988	0	0	0	0	0	0	0	0	988	0
Sigma Xi Society	396	0	0	0	0	24	0	0	50	322	0
Societal Inst of Math Sci	1,211	0	0	0	0	0	290	921	0	0	0
St Francis Hosp & Med Ctr	470	0	0	0	0	0	0	470	0	0	0
Thames Science Center	50	0	0	0	0	0	0	0	0	50	0
Yale Southern Observatory	281	0	0	0	0	0	0	0	0	281	0
Maine, total	23,379	0	0	274	0	0	82	18,088	256	4,514	165
Franklin Mem Hlth Care	50	0	0	0	0	0	0	50	0	0	0
Jackson Laboratory	16,588	0	0	63	0	0	0	16,042	0	483	0
ME Math & Sci Alliance	2,096	0	0	0	0	0	0	0	0	2,096	0
ME Medical Assessment Fdn	1,021	0	0	0	0	0	0	1,021	0	0	0
ME Sci & Tech Fdn	1,425	0	0	0	0	0	0	0	0	1,425	0
Maine Coast Mem Hosp	43	0	0	0	0	0	0	43	0	0	0
Maine Geological Survey	12	0	0	0	0	0	0	0	0	0	12
Maine Medical Center	402	0	0	0	0	0	0	402	0	0	0
Mount Desert Isld Bio Lab	385	0	0	0	0	0	0	335	0	50	0
Northeastern Rsch Fdn	1,009	0	0	211	0	0	82	0	256	460	0
Public Hlth Rsch Inst	145	0	0	0	0	0	0	145	0	0	0
Waldo Co General Hospital	50	0	0	0	0	0	0	50	0	0	0
Women Unlimited	153	0	0	0	0	0	0	0	0	0	153
Massachusetts, total	913,267	348	263	397,725	745	5,278	4,020	456,754	17,355	28,998	1,781
ABT Health Care Rsch Fdn	193	0	0	0	0	0	0	193	0	0	0
Action Boston Cmty Dvlpmt	174	0	0	0	0	0	0	70	0	0	104
Am Acad of Arts & Sci	292	0	0	0	0	0	0	0	0	292	0
Am Assc Variable Star Obs	53	0	0	0	0	0	0	0	53	0	0
Am Meteorological Soc	1,680	0	0	0	0	15	0	0	0	1,665	0
Assc Women Mathematics	6	0	0	6	0	0	0	0	0	0	0
Assoc Collegt Schls Plang	13	0	0	0	0	0	0	0	0	0	13
Bay State Medical Center	306	0	0	0	0	0	0	306	0	0	0
Berkshire Medical Ctr	1,000	0	0	0	0	0	0	1,000	0	0	0
Beth Isrl Hosp (Bstn MA)	24,964	179	0	0	0	0	0	24,725	60	0	0
Biomechanics Inst Inc	141	0	0	0	0	0	0	141	0	0	0
Boston Biomedical Rsch	6,172	0	0	0	0	0	0	6,172	0	0	0
Boston Partners in Ed	184	0	0	0	0	0	0	0	0	184	0
Brigham and Womens Hosp	98,234	0	0	548	0	11	466	96,894	238	77	0
Child Hosp (Boston, MA)	38,954	0	0	10	620	0	0	37,995	265	64	0
Childrens Museum Boston	910	0	0	0	0	0	0	0	0	910	0
Cnstrm Math & Its Apps	1,488	0	0	0	0	0	0	0	0	1,488	0
Ctr Blood Research	8,991	0	0	0	0	0	0	8,991	0	0	0
Ctr Hlth Economic Rsch	835	0	0	0	0	0	0	835	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Massachusetts, continued:											
Ctr Tech Commercializatn	1,522	0	0	0	0	0	0	0	1,522	0	0
Draper Laboratories	168,154	0	0	160,104	0	0	0	0	7,950	100	0
EK Shriver Ctr Mental	4,753	0	0	0	0	227	0	4,456	0	70	0
Education Development Ctr	5,594	0	0	0	0	0	0	1,317	0	4,277	0
Environmental Careers Org	1,362	0	98	0	0	0	0	0	0	0	1,264
Eye Research Institute	108	0	0	0	0	108	0	0	0	0	0
Factory Mutual Research	124	0	124	0	0	0	0	0	0	0	0
Forsyth Dental Center	5,878	0	0	0	0	0	0	5,878	0	0	0
Frontier Sci & Tech Rsch	2,437	0	0	0	0	0	0	2,437	0	0	0
Health Effects Institute	3,000	0	0	0	0	0	3,000	0	0	0	0
Hebrew Rehab Center	2,752	0	0	0	0	0	0	2,752	0	0	0
Inst for Sci Rsch Inc	202	0	0	0	0	0	0	0	142	60	0
Intl Space University	130	0	0	0	0	0	0	0	130	0	0
Joslin Diabetes Fdn Inc	10,742	0	0	0	0	0	0	10,572	0	170	0
MA Audubon Society	385	0	0	0	0	0	0	0	0	0	385
MA Eye & Ear Infirmary	7,719	0	0	135	0	0	0	7,584	0	0	0
MA General Hospital	104,162	155	0	6,787	0	435	0	96,133	0	652	0
MA Health Research Inst	449	0	0	0	0	0	0	449	0	0	0
Manomet Bird Observatory	15	0	0	0	0	0	0	0	0	0	15
Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	60	0
Marine Biological Lab	1,075	14	0	65	0	315	369	0	312	0	0
McLean Hospital	10,032	0	0	0	0	0	0	10,023	0	9	0
Mitre Corporation	236,086	0	0	228,600	0	1,950	0	0	5,394	142	0
Museum of Science	1,646	0	0	0	0	150	0	0	0	1,496	0
N E Radio Observatory Ctr	1,270	0	0	0	0	0	0	0	0	1,270	0
Natl Bureau Econ Rsch Inc	8,113	0	0	0	0	0	0	3,387	0	4,726	0
Natl Consumer Law Inc	150	0	0	0	0	0	0	150	0	0	0
Natl Fire Protect Assc	41	0	41	0	0	0	0	0	0	0	0
Network, Inc	817	0	0	0	0	567	0	0	0	250	0
New Eng Deaconess Hosp	12,673	0	0	605	0	0	0	11,918	150	0	0
New Eng Med Ctr & Hosp	25,303	0	0	143	0	631	0	24,529	0	0	0
New England Aquarium Corp	35	0	0	0	0	0	35	0	0	0	0
Proj Women & Disability	15	0	0	0	0	15	0	0	0	0	0
Schepens Eye Rsch Inst	6,335	0	0	0	0	0	0	6,335	0	0	0
Sidney Farber Cancer Inst	54,502	0	0	51	0	0	0	54,451	0	0	0
St Eliz Hosp Boston MA	3,827	0	0	0	0	0	0	3,827	0	0	0
Tech Education Rsch Ctr	8,265	0	0	0	0	0	0	0	0	8,265	0
University Hosp (Bstn MA)	7,410	0	0	0	0	0	0	7,410	0	0	0
WGBH Educational Fdn	2,446	0	0	0	125	0	0	0	300	2,021	0
Whitehead Inst Biomed	17,632	0	0	0	0	0	0	17,209	0	423	0
Woods Hole Research Ctr	1,959	0	0	0	0	693	150	0	839	277	0
Worcester Fdn Exper Bio	9,497	0	0	671	0	161	0	8,615	0	50	0
New Hampshire, total	832	0	0	0	0	0	0	213	0	619	0
Montshire Museum of Sci	57	0	0	0	0	0	0	0	0	57	0
NH Legal Assistance	75	0	0	0	0	0	0	75	0	0	0
New London Hosp Assoc	50	0	0	0	0	0	0	50	0	0	0
SE Regional Ed Svc Ctr	562	0	0	0	0	0	0	0	0	562	0
Speare Mem Hosp Assoc	38	0	0	0	0	0	0	38	0	0	0
Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Rhode Island, total	17,640	39	0	91	0	10	0	16,903	143	454	0
Am Mathematical Society	231	0	0	30	0	10	0	0	0	191	0
Butler Hospital	1,049	0	0	0	0	0	0	1,049	0	0	0
Emma Pendleton Bradley	704	0	0	0	0	0	0	704	0	0	0
Gordon Rsch Conferences	158	39	0	61	0	0	0	4	23	31	0
Memorial Hosp Pawtucket	2,478	0	0	0	0	0	0	2,478	0	0	0
Miriam Hospital	3,466	0	0	0	0	0	0	3,346	120	0	0
NMR Concepts	232	0	0	0	0	0	0	0	0	232	0
Rhode Island Hospital	5,131	0	0	0	0	0	0	5,131	0	0	0
Roger Williams Gen Hosp	2,544	0	0	0	0	0	0	2,544	0	0	0
Women & Infants Hosp	1,647	0	0	0	0	0	0	1,647	0	0	0
Vermont, total	489	0	0	0	0	0	0	487	0	0	2
Birds of Vermont Museum	2	0	0	0	0	0	0	0	0	0	2
Copley Hospital	49	0	0	0	0	0	0	49	0	0	0
Gifford Memorial Hospital	49	0	0	0	0	0	0	49	0	0	0
Mt Ascutney Hosp&Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0
Northeastern VT Reg Hosp	50	0	0	0	0	0	0	50	0	0	0
Rutland Regional Med Ctr	164	0	0	0	0	0	0	164	0	0	0
VT Ntwrk Dmst Vio&Sx Aslt	125	0	0	0	0	0	0	125	0	0	0
Middle Atlantic, total	355,101	3,502	1,437	32,690	1,718	4,445	4,620	229,660	1,552	74,110	1,367
New Jersey, total	10,463	0	1,387	173	350	97	0	7,258	93	1,105	0
Carrier Clinic Foundation	700	0	0	0	0	0	0	700	0	0	0
Coriell Inst for Med Rsch	3,154	0	0	0	0	0	0	3,154	0	0	0
Ctr Molecular Med & Immun	3,139	0	0	0	0	0	0	3,139	0	0	0
Ctr for Social&Legal Rsch	97	0	0	0	0	97	0	0	0	0	0
Educational Testing Srvc	827	0	0	164	0	0	0	0	0	663	0
Educom, Inc	15	0	0	0	0	0	0	0	0	15	0
Electrochemical Society	9	0	0	9	0	0	0	0	0	0	0
Hackensack Hospital	265	0	0	0	0	0	0	265	0	0	0
Kessler Inst for Rehab	350	0	0	0	350	0	0	0	0	0	0
NJ Marine Science Cnsrtm	1,339	0	1,339	0	0	0	0	0	0	0	0
Princeton U Press	50	0	0	0	0	0	0	0	0	50	0
Somerset Co Bus Ed Partn	377	0	0	0	0	0	0	0	0	377	0
Space Studies Institute	93	0	0	0	0	0	0	0	93	0	0
Textile Research Inst	48	0	48	0	0	0	0	0	0	0	0
New York, total	222,324	3,276	50	13,910	750	1,759	3,451	150,632	1,386	46,167	943
Am Assc of Engineers	50	0	0	0	0	0	0	0	0	50	0
Am Baptst Chrchs Metro NY	2	0	0	0	0	0	0	0	0	0	2
Am Cncl Learned Societies	135	0	0	0	0	0	0	0	0	135	0
Am Foundation for Blind	125	0	0	0	125	0	0	0	0	0	0
Am Inst Aeronautic Astro	491	0	0	0	0	0	0	0	491	0	0
Am Inst Chemical Eng	295	0	0	0	0	260	0	0	0	35	0
Am Museum of Natl Hist	2,214	50	0	0	0	37	0	0	253	1,874	0
Am Natl Standards Inst	200	0	0	0	0	0	200	0	0	0	0
Am Soc Civil Engineers	154	0	0	0	0	0	5	0	0	127	22
Am Soc Mechanical Eng	876	0	50	656	0	0	0	0	0	0	170

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, continued:											
Am Soc Mechanical Eng	80	0	0	0	0	0	0	0	0	80	0
American Hlth Fdn, Inc	11,504	0	0	0	0	0	0	11,504	0	0	0
American Vacuum Society	13	0	0	13	0	0	0	0	0	0	0
Assc Computing Machinery	86	0	0	0	0	0	0	0	0	86	0
Assc Rsch Vision Ophthal	43	0	0	0	0	0	0	43	0	0	0
B Thompson Inst Plant	2,059	374	0	0	0	0	407	321	0	957	0
Bermuda Bio Station Rsch	205	0	0	0	0	0	0	0	205	0	0
Beth Israel Medical Ctr	4,086	0	0	0	0	0	0	4,086	0	0	0
Bronx Lebanon Hosp Ctr	435	0	0	0	0	0	0	435	0	0	0
Buffalo Soc Natural Sci	304	0	0	0	0	0	0	0	0	304	0
Burke Rehabilitation Ctr	503	0	0	0	0	0	0	503	0	0	0
Calspan U Buffalo Rsch	311	0	0	0	0	0	0	0	311	0	0
Cath Med Brklyn Queens	1,274	0	0	0	0	0	0	1,274	0	0	0
Center Environmental Info	25	0	0	0	0	0	25	0	0	0	0
Childrens TV Workshop	1,873	0	0	0	0	0	0	0	0	1,873	0
Cmty Gen Hosp Sullivan	387	0	0	0	0	0	0	387	0	0	0
Cold Spring Harbor Lab	20,544	397	0	833	0	491	0	17,745	0	1,078	0
College Board	1,488	0	0	0	0	0	0	0	0	1,488	0
Delaware Valley Hosp	50	0	0	0	0	0	0	50	0	0	0
Discovery Ctr Sci & Tech	134	0	0	0	0	0	0	0	0	134	0
Division of Chemical Ed	8	0	0	0	0	0	0	0	0	8	0
Elizabethtown Cmty Hosp	110	0	0	0	0	0	0	110	0	0	0
Environmentl Defense Fund	50	0	0	0	0	0	50	0	0	0	0
Girls Inc (New York, NY)	109	0	0	0	0	0	0	0	0	109	0
Hacer, Inc	1	0	0	0	0	0	0	0	0	0	1
Hastings Center, The	182	0	0	0	0	0	0	182	0	0	0
Hauptman-Woodwrd Med Rsch	1,894	0	0	0	0	0	0	1,802	0	92	0
Health Research, Inc	1,134	0	0	413	0	185	107	0	0	429	0
Hist of Science Society	59	0	0	0	0	0	0	0	0	59	0
Hosp Joint Disease Ortho	679	0	0	0	0	0	0	540	0	139	0
Hosp for Special Surgery	4,315	0	0	0	0	0	0	4,315	0	0	0
Hudson Institute	114	0	0	114	0	0	0	0	0	0	0
Inst Elec & Electron Eng	53	0	0	28	0	0	0	0	0	25	0
Inter Faith Medical Ctr	228	0	0	0	0	0	0	228	0	0	0
Joint Ocean Insts, Inc	34,200	0	0	304	0	0	0	0	0	33,896	0
Lexington Center, Inc	625	0	0	0	625	0	0	0	0	0	0
Long Island Jew Hillside	4,823	0	0	150	0	0	0	4,673	0	0	0
Manhattan Eye/Ear/Throat	196	0	0	0	0	0	0	196	0	0	0
Manpower Demon Rsch Corp	3,875	0	0	0	0	0	0	3,525	0	0	350
Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Mary Imogene Basset Hosp	1,046	0	0	0	0	0	0	1,046	0	0	0
Masonic Medical Rsch Lab	463	0	0	0	0	0	0	463	0	0	0
Monroe Co Long Term Care	636	0	0	0	0	0	0	636	0	0	0
Montefiore Hosp & Med Ctr	13,054	0	0	0	0	0	0	12,989	0	65	0
Mt Sinai Hosp New York	726	0	0	400	0	0	0	326	0	0	0
N E Consrtm Eng Ed	878	0	0	878	0	0	0	0	0	0	0
NOW Legal Dfnse & Ed Fund	2	0	0	0	0	0	0	0	0	0	2
NY Academy of Science	67	0	0	5	0	0	0	0	0	62	0
NY Botan Gard Inst Ecosys	1,573	27	0	0	0	0	0	0	65	1,369	112

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, continued:											
NY Botanical Garden NY	2,495	2,428	0	58	0	0	0	0	0	9	0
Natl Actn Cncl Minorities	924	0	0	0	0	0	0	0	0	924	0
Natl Audobon Society	127	0	0	0	0	0	95	0	0	0	32
Natl Bureau of Econ Rsch	170	0	0	0	0	0	0	170	0	0	0
Natl Cncl Rsch on Women	1	0	0	0	0	0	0	0	0	0	1
Natl Hemophilia Fdn	5,050	0	0	0	0	0	0	5,050	0	0	0
Natl Urban Fellows	102	0	0	0	0	0	0	0	0	0	102
New York Blood Center	803	0	0	803	0	0	0	0	0	0	0
New York Womens Agenda	1	0	0	0	0	0	0	0	0	0	1
North Shore U Hospital	4,102	0	0	0	0	0	0	4,102	0	0	0
Palisades Geophysical Ins	1,536	0	0	1,536	0	0	0	0	0	0	0
Population Council	2,075	0	0	0	0	0	0	2,075	0	0	0
Presbyterian Hosp in NY	5,192	0	0	0	0	0	0	5,192	0	0	0
Public Health Res Inst	5,390	0	0	0	0	0	0	5,275	0	115	0
Rainforest Alliance	2	0	0	0	0	0	0	0	0	0	2
Riverside Research Inst	3,964	0	0	2,348	0	0	0	1,616	0	0	0
Sloan Kettering Cancer	49,213	0	0	686	0	786	0	47,281	0	460	0
Soc of Women Engineers	61	0	0	0	0	0	0	0	61	0	0
Social Science Rsch Cncl	110	0	0	0	0	0	0	0	0	110	0
Soldiers Sailors Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
St Lukes Inst for Health	7,305	0	0	0	0	0	0	7,305	0	0	0
St Lukes Roosevlt Hosp C	581	0	0	0	0	0	0	581	0	0	0
Syracuse Research Corp	7,252	0	0	4,650	0	0	2,527	0	0	75	0
Trudeau Institute Inc	1,595	0	0	0	0	0	0	1,595	0	0	0
United Engineering Trusts	70	0	0	35	0	0	35	0	0	0	0
Visiting Nurse Svc NY	344	0	0	0	0	0	0	344	0	0	0
W Alton Jones Cell Sci	2,338	0	0	0	0	0	0	2,338	0	0	0
Welding Research Council	100	0	0	0	0	0	0	0	0	0	100
Wildlife Conservation Soc	46	0	0	0	0	0	0	0	0	0	46
Winthrop U Hospital	229	0	0	0	0	0	0	229	0	0	0
Pennsylvania, total	122,314	226	0	18,607	618	2,589	1,169	71,770	73	26,838	424
Acad Natural Sci Phila	1,590	0	0	0	0	24	176	0	0	1,348	42
Air & Waste Mgt Assc	306	0	0	0	0	0	306	0	0	0	0
Albert Einstein Med Ctr	498	0	0	50	0	0	0	448	0	0	0
Allegheny General Hosp	409	0	0	0	0	0	0	409	0	0	0
Allegheny Singer Rsch	2,505	0	0	0	0	0	0	2,505	0	0	0
Am Inst Rsch Pittsburgh	1,002	0	0	111	0	0	0	891	0	0	0
Am Soc Testing Materials	325	0	0	0	0	0	249	0	0	76	0
Assoc Food&Drug Officials	45	0	0	0	0	0	0	45	0	0	0
Carnegie Inst Pittsburgh	665	0	0	0	0	0	0	0	0	665	0
Child Hosp Phila	19,916	0	0	0	0	0	0	19,916	0	0	0
Child Hosp Pittsburgh	12,800	0	0	4,943	0	5	0	7,852	0	0	0
Cobbs Crk Cmty Env Ed Ctr	5	5	0	0	0	0	0	0	0	0	0
Combustion Institute	10	0	0	10	0	0	0	0	0	0	0
Ctr Hzrds Materials Rsch	438	0	0	0	0	0	438	0	0	0	0
D Guthrie Fdn Med Rsch	1,928	0	0	1,759	0	0	0	169	0	0	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
Pennsylvania, continued:											
Earth Conservancy	5,942	0	0	5,942	0	0	0	0	0	0	0
Elwyn, Inc	70	0	0	0	0	0	0	70	0	0	0
Fox Chase Cancer Center	160	0	0	0	0	0	0	0	0	160	0
Franklin Inst	1,673	0	0	0	0	0	0	0	0	1,673	0
Girl Scouts of Del Co	5	5	0	0	0	0	0	0	0	0	0
Graduate Hospital	1,693	0	0	0	0	0	0	1,693	0	0	0
Inst Expermntl Psychiatry	65	0	0	0	0	0	0	0	65	0	0
Inst for Cancer Research	7,741	0	0	0	0	0	0	7,564	0	177	0
Lankenau Hospital	478	0	0	0	0	0	0	478	0	0	0
Lankenau Med Rsch Center	1,078	0	0	0	0	0	0	1,078	0	0	0
MPC Corporation	20,385	0	0	0	0	0	0	1,847	0	18,538	0
Magee Womens Hosp	2,141	0	0	0	0	0	0	2,141	0	0	0
Materials Research Soc	63	0	0	63	0	0	0	0	0	0	0
Matrix Research Institute	401	0	0	0	401	0	0	0	0	0	0
Mem Hosp Inc (Towanda)	50	0	0	0	0	0	0	50	0	0	0
Mercy Catholic Med Ctr	234	0	0	0	0	0	0	234	0	0	0
Mercy Hosp (Scranton PA)	213	0	0	0	0	0	0	213	0	0	0
Mercy Hospital Pittsburgh	84	0	0	0	0	0	0	84	0	0	0
Mineral Metals Mat Soc	8	0	0	0	0	0	0	0	8	0	0
Monell Chem Senses Ctr	3,932	122	0	0	0	0	0	3,775	0	35	0
Montefiore Hospital	254	0	0	0	0	0	0	254	0	0	0
Moss Rehabilitation Hosp	903	0	0	0	49	0	0	854	0	0	0
NE Tier Ben Fkln Tech Ctr	2,000	0	0	2,000	0	0	0	0	0	0	0
Natl Inst Environmtl Rmwl	3,680	0	0	3,680	0	0	0	0	0	0	0
Paths/Prism	420	0	0	0	0	0	0	0	0	420	0
Philadelphia Geriatrc Ctr	2,222	0	0	0	0	0	0	2,222	0	0	0
Philadelphia Psychiatric	239	0	0	0	0	0	0	239	0	0	0
Please Touch Museum	685	0	0	0	0	0	0	0	0	685	0
Public/Private Ventures	100	0	0	0	0	0	0	100	0	0	0
Punxsutawney Area Hosp	50	0	0	0	0	0	0	50	0	0	0
QED Communications	1,092	0	0	0	0	0	0	0	0	1,092	0
Rodale Institute	94	94	0	0	0	0	0	0	0	0	0
Shadyside Hospital	41	0	0	0	0	0	0	0	0	41	0
Siam Inst Math & Society	9	0	0	9	0	0	0	0	0	0	0
Soc Automotive Engineers	1,061	0	0	40	0	0	0	0	0	760	261
Soc Industrial App M	28	0	0	0	0	28	0	0	0	0	0
Tradeswomen Philadelphia	121	0	0	0	0	0	0	0	0	0	121
Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0
U City Science Center	4,233	0	0	0	0	2,532	0	1,701	0	0	0
W PA Sch Blind Children	168	0	0	0	168	0	0	0	0	0	0
Weis Center for Research	2,769	0	0	0	0	0	0	2,769	0	0	0
Wills Eye Hospital	239	0	0	0	0	0	0	239	0	0	0
Wistar Institute	12,893	0	0	0	0	0	0	11,725	0	1,168	0
Women's Center (Blsbg PA)	105	0	0	0	0	0	0	105	0	0	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, total	339,848	94	1,699	185,802	730	4,291	8,107	102,601	9,126	23,300	4,098
Illinois, total	88,777	4	0	42,928	730	365	1,310	39,149	35	3,637	619
Adler Planetarium	10	0	0	0	0	0	0	0	10	0	0
Am Acad of Pediatrics	659	0	0	0	0	0	0	659	0	0	0
Am Col of Radiology	9,084	0	0	0	0	0	0	9,084	0	0	0
Am Dental Assc for Hlth	1,721	0	0	0	0	0	0	1,721	0	0	0
Am Inst Indian Studies	18	0	0	0	0	0	0	0	0	18	0
Am Meat Science Assoc	4	4	0	0	0	0	0	0	0	0	0
American Bar Foundation	442	0	0	0	0	0	0	250	0	192	0
American Foundrymen Soc	6	0	0	0	0	6	0	0	0	0	0
American Planning Assc	330	0	0	0	0	0	50	0	0	0	280
Carle Foundation Hospital	650	0	0	0	0	0	0	650	0	0	0
Chicago Children's Museum	245	0	0	0	0	0	0	0	0	245	0
Chicago Women in Trades	154	0	0	0	0	0	0	0	0	0	154
Cncl for Jewish Elderly	50	0	0	0	0	0	0	50	0	0	0
Ctr American Archeology	103	0	0	0	0	0	0	0	0	103	0
Day Care Actn Cncl of IL	1	0	0	0	0	0	0	0	0	0	1
Evanston Hospital	678	0	0	0	0	0	0	678	0	0	0
Field Museum Natural Hist	546	0	0	0	0	0	0	0	0	546	0
Graham Hospital Assoc	50	0	0	0	0	0	0	50	0	0	0
Harrisburg Med Ctr Inc	50	0	0	0	0	0	0	50	0	0	0
Hektoen Inst Med Rsch	2,107	0	0	0	0	0	0	2,107	0	0	0
IIT Research Institute	48,270	0	0	42,691	0	0	158	5,336	0	0	85
Illini Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Illinois State Museum	67	0	0	0	0	0	0	0	0	67	0
Ingalls Mem Hospital	144	0	0	0	0	0	0	144	0	0	0
Inst of Gas Technology	536	0	0	104	0	282	150	0	0	0	0
Internatl Map Trade Assoc	10	0	0	0	0	0	0	0	0	0	10
Intl Water Resource Assoc	30	0	0	0	0	0	0	0	0	0	30
John & Mary Kirby Hosp	50	0	0	0	0	0	0	50	0	0	0
Legal Assinc Fdn Chicago	1	0	0	0	0	0	0	0	0	0	1
Marshall Browning Hosp	25	0	0	0	0	0	0	25	0	0	0
Methodist Hosp Peoria IL	208	0	0	0	0	0	0	208	0	0	0
Midtown Educational Fdn	25	0	0	0	0	0	0	0	25	0	0
Museum of Sci & Industry	5	0	0	0	0	5	0	0	0	0	0
Natl Clrnghse Legal Svcs	108	0	0	0	0	0	0	108	0	0	0
Natl Com Prvnt Chld Abuse	117	0	0	0	0	0	0	117	0	0	0
Natl Opinion Research Ctr	4,874	0	0	23	0	0	0	2,377	0	2,416	58
Natl Safety Council	837	0	0	0	0	0	837	0	0	0	0
Rehab Inst of Chicago	730	0	0	0	730	0	0	0	0	0	0
Rush Presbyterian St Luke	14,433	0	0	110	0	0	115	14,158	0	50	0
Scitech	72	0	0	0	0	72	0	0	0	0	0
St Josephs Hosp (Chic IL)	1,184	0	0	0	0	0	0	1,184	0	0	0
Thomas H Boyd Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
W Frankfrt Untd Mine Hosp	43	0	0	0	0	0	0	43	0	0	0
Indiana, total	353	7	0	0	0	0	0	267	79	0	0
Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0
Jennings Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Methodist Hosp Indnpol IN	67	0	0	0	0	0	0	67	0	0	0
Natl Cnsrtm Grad Eng Min	79	0	0	0	0	0	0	0	79	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued:											
Indiana, continued:											
Orange County Hosp	50	0	0	0	0	0	0	50	0	0	0
Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Regenstrief Institute	50	0	0	0	0	0	0	50	0	0	0
Michigan, total	112,515	0	1,478	75,104	0	238	600	14,112	1,511	18,757	715
Ann Arbor Hands On Museum	371	0	0	0	0	0	0	0	0	371	0
Black Child & Family Inst	244	0	0	0	0	0	0	0	0	244	0
Butterworth Hospital	279	0	0	0	0	0	0	279	0	0	0
Charlevoix Hospital	50	0	0	0	0	0	0	50	0	0	0
Ctr Social Gerontology	250	0	0	0	0	0	0	250	0	0	0
Environmental Rsch Inst	10,817	0	0	8,276	0	0	600	410	1,511	0	20
Focus Hope	20,193	0	0	19,593	0	0	0	0	0	0	600
Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Henry Ford Hospital	11,717	0	0	0	0	0	0	11,692	0	25	0
Industrial Tech Institute	1,528	0	1,478	50	0	0	0	0	0	0	0
Kelsey Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Merit Network, Inc	18,108	0	0	0	0	0	0	0	0	18,108	0
Michigan Biotech Inst	2,925	0	0	2,828	0	97	0	0	0	0	0
Michigan Cancer Fdn	762	0	0	757	0	0	0	0	0	5	0
Michigan Public Hlth Inst	8	0	0	0	0	0	0	8	0	0	0
Midwest Migrant Hlth Info	4	0	0	0	0	0	0	0	0	0	4
Natl Ctr Manufactrng Sci	43,741	0	0	43,600	0	141	0	0	0	0	0
Paul Oliver Memorial Hosp	35	0	0	0	0	0	0	35	0	0	0
Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0
Rehabilitation Inst MI	29	0	0	0	0	0	0	29	0	0	0
Scheurer Hospital	50	0	0	0	0	0	0	50	0	0	0
Sinai Hospital Detroit	118	0	0	0	0	0	0	118	0	0	0
Standish Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Tawas St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0
W E UpJohn Inst Empl Rsch	4	0	0	0	0	0	0	0	0	4	0
William Beaumont Hospital	941	0	0	0	0	0	0	941	0	0	0
Wmns Res Ctr (Grd Rpd MI)	91	0	0	0	0	0	0	0	0	0	91
Ohio, total	131,352	83	221	67,770	0	3,688	6,197	42,971	7,501	162	2,759
American Ceramic Society	21	0	21	0	0	0	0	0	0	0	0
Assc Higher Ed & Disabil	10	0	0	0	0	0	0	0	10	0	0
Battelle Memorial Inst	81,051	0	0	60,401	0	3,688	5,797	6,856	1,550	0	2,759
Child Hosp Columbus	2,794	0	0	0	0	0	0	2,794	0	0	0
Child Hosp Med Ctr Cincin	10,165	0	0	0	0	0	400	9,765	0	0	0
Cincnti Inst Career Altrn	100	0	0	0	0	0	0	0	0	100	0
Cleveland Adv Manu Prg	548	0	0	548	0	0	0	0	0	0	0
Cleveland Clinic Fdn	21,285	0	0	297	0	0	0	20,988	0	0	0
Cleveland Ed Fund	62	0	0	0	0	0	0	0	0	62	0
Edison Materials Tech Ctr	100	0	0	100	0	0	0	0	0	0	0
Edison Weld Inst	5,220	0	0	5,220	0	0	0	0	0	0	0
Hipple Cancer Rsch Ctr	331	0	0	0	0	0	0	331	0	0	0
Inst Adv Manufactrng Sci	200	0	200	0	0	0	0	0	0	0	0
James N Gamble Inst Med	770	0	0	0	0	0	0	770	0	0	0
Kettering Medical Center	237	0	0	0	0	0	0	237	0	0	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued:											
Ohio, continued:											
Miami Valley Hospital	316	0	0	0	0	0	0	316	0	0	0
Miami Valley Rsch Inst	690	0	0	690	0	0	0	0	0	0	0
Mt Sinai Hosp Cleveland	429	0	0	0	0	0	0	429	0	0	0
Ohio Aerospace Institute	6,455	0	0	514	0	0	0	0	5,941	0	0
Ohio Agricultural R&D Ctr	83	83	0	0	0	0	0	0	0	0	0
Quest International	485	0	0	0	0	0	0	485	0	0	0
Wisconsin, total	6,851	0	0	0	0	0	0	6,102	0	744	5
Burnett General Hosp	50	0	0	0	0	0	0	50	0	0	0
Cltn WI Aging Groups Inc	124	0	0	0	0	0	0	124	0	0	0
Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0
Divine Savr Hosp&Nrsg Hm	50	0	0	0	0	0	0	50	0	0	0
Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Eagle River Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Marshfield Med Rsch Fdn	567	0	0	0	0	0	0	567	0	0	0
Memorial Hosp Iowa Co	50	0	0	0	0	0	0	50	0	0	0
Milwaukee Blood Center	4,187	0	0	0	0	0	0	4,187	0	0	0
Mt Sinai Hosp Med Ctr WI	624	0	0	0	0	0	0	624	0	0	0
Natl Women's Conf Ctr	5	0	0	0	0	0	0	0	0	0	5
Northwoods Hospital	50	0	0	0	0	0	0	50	0	0	0
Reedsburg Area Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0
Sauk Prairie Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Southwest Health Ctr	50	0	0	0	0	0	0	50	0	0	0
Tri-Co Mem Hosp (Wthd WI)	50	0	0	0	0	0	0	50	0	0	0
WI Acad Sci Arts & Letter	744	0	0	0	0	0	0	0	0	744	0
West North Central, total	52,514	44	0	9,503	0	2,711	8,221	30,502	114	1,413	6
Iowa, total	2,328	0	0	0	0	0	0	2,328	0	0	0
Central Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Cmty Mem Hosp (Sumner IA)	50	0	0	0	0	0	0	50	0	0	0
Davis County Hospital	50	0	0	0	0	0	0	50	0	0	0
Holy Family Hospital	50	0	0	0	0	0	0	50	0	0	0
Horn Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Jackson Co Public Hosp	50	0	0	0	0	0	0	50	0	0	0
Mercy Foundation	1,778	0	0	0	0	0	0	1,778	0	0	0
Merrill Pioneer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Pella Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Sioux Ctr Hosp & Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0
Skiff Medical Center	50	0	0	0	0	0	0	50	0	0	0
Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0
Kansas, total	1,096	0	0	0	0	0	0	1,096	0	0	0
Allen County Hospital	50	0	0	0	0	0	0	50	0	0	0
Central KS Medical Ctr	32	0	0	0	0	0	0	32	0	0	0
Clara Baron Hospital	46	0	0	0	0	0	0	46	0	0	0
Foundation on Aging	50	0	0	0	0	0	0	50	0	0	0
Hays Medical Center	50	0	0	0	0	0	0	50	0	0	0

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[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
Kansas, continued:											
Mt Carmel Medical Ctr	111	0	0	0	0	0	0	111	0	0	0
Sabetha Community Hosp	50	0	0	0	0	0	0	50	0	0	0
St Catherine Hospital	32	0	0	0	0	0	0	32	0	0	0
St Francis Hosp (Wcht KS)	525	0	0	0	0	0	0	525	0	0	0
St Josephs Hosp (Cnrd KS)	50	0	0	0	0	0	0	50	0	0	0
St Mary Hosp (Manhtn, KS)	50	0	0	0	0	0	0	50	0	0	0
Wm Newton Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Minnesota, total	14,835	0	0	8,600	0	0	0	5,355	44	836	0
Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0
Divine Providnc Hlth Ctr	39	0	0	0	0	0	0	39	0	0	0
Group Health Foundation	870	0	0	0	0	0	0	870	0	0	0
Harmony Cmty Hosp Assc	50	0	0	0	0	0	0	50	0	0	0
Hendricks Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
Living at Home	208	0	0	0	0	0	0	208	0	0	0
MN Environ Sci Fdn Inc	298	0	0	0	0	0	0	0	0	298	0
Madelia Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
Mayo Foundation	8,434	0	0	7,540	0	0	0	374	44	476	0
Minneapolis Med Rsch Fdn	3,080	0	0	0	0	0	0	3,080	0	0	0
N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0
Natl Marrow Donor Program	1,060	0	0	1,060	0	0	0	0	0	0	0
Pacer Center	58	0	0	0	0	0	0	58	0	0	0
Renville Co Hospice	50	0	0	0	0	0	0	50	0	0	0
Riverwood Hlth Care Ctr	50	0	0	0	0	0	0	50	0	0	0
Science Museum Minnesota	62	0	0	0	0	0	0	0	0	62	0
Senior Resources, Inc	71	0	0	0	0	0	0	71	0	0	0
Society for Biomaterials	5	0	0	0	0	0	0	5	0	0	0
St Elizabeth Hospital	50	0	0	0	0	0	0	50	0	0	0
Tri County Hospital	50	0	0	0	0	0	0	50	0	0	0
Tweeten Lutheran Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0
Waseca Area Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Watonwan Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Zumbrota Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Missouri, total	31,805	44	0	903	0	2,711	8,221	19,279	70	577	0
Bapt Med Ctr (KS Cty MO)	196	0	0	0	0	0	0	196	0	0	0
Bonne Terre Hospital	50	0	0	0	0	0	0	50	0	0	0
Cancer Rsch Center	204	0	0	0	0	0	129	75	0	0	0
Childrens Mercy Hosp	125	0	0	0	0	0	0	125	0	0	0
Cmty Hospital (Fairfx MO)	50	0	0	0	0	0	0	50	0	0	0
J Fitzgibbon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Jewish Hosp of St Louis	9,227	0	0	0	0	0	0	9,157	70	0	0
Lake Ozarks Gen Hosp	35	0	0	0	0	0	0	35	0	0	0
Midwest Research Inst	20,429	0	0	903	0	2,711	8,092	8,723	0	0	0
Missouri Botanical Garden	901	44	0	0	0	0	0	280	0	577	0
St Francs Hosp (Mryvl MO)	50	0	0	0	0	0	0	50	0	0	0
St Johns Mercy Med Ctr	333	0	0	0	0	0	0	333	0	0	0
St Johns Reg Hlth Ctr	155	0	0	0	0	0	0	155	0	0	0

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[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
Nebraska, total	449	0	0	0	0	0	0	444	0	0	5
Antelope Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0
Brodstone Mem Co Hosp	50	0	0	0	0	0	0	50	0	0	0
Chadron Community Hosp	45	0	0	0	0	0	0	45	0	0	0
Cherry County Hosp	25	0	0	0	0	0	0	25	0	0	0
Cmty Hosp (McCook NE)	50	0	0	0	0	0	0	50	0	0	0
Groundwater Fdn, The	5	0	0	0	0	0	0	0	0	0	5
Lundberg Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0
Niobrara Valley Hosp	25	0	0	0	0	0	0	25	0	0	0
Oakland Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0
Osmond General Hosp	50	0	0	0	0	0	0	50	0	0	0
St Anthnys Hosp (O'Neill)	25	0	0	0	0	0	0	25	0	0	0
St Francis Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
W Holt Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0
North Dakota, total	701	0	0	0	0	0	0	701	0	0	0
Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0
Carrington Health Center	50	0	0	0	0	0	0	50	0	0	0
Cmty Memorial Hosp Lisbon	33	0	0	0	0	0	0	33	0	0	0
Good Samaritan Hosp Rugby	50	0	0	0	0	0	0	50	0	0	0
Griggs County Hospital	50	0	0	0	0	0	0	50	0	0	0
Jacobson Mem Hosp	45	0	0	0	0	0	0	45	0	0	0
Linton Hospital	50	0	0	0	0	0	0	50	0	0	0
Richardton Hlth Ctr Inc	50	0	0	0	0	0	0	50	0	0	0
St Lukes Hosp Fargo	223	0	0	0	0	0	0	223	0	0	0
W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
South Dakota, total	1,300	0	0	0	0	0	0	1,299	0	0	1
Belle Fouche Hlth Care	44	0	0	0	0	0	0	44	0	0	0
Brookings Career Lrng Ctr	1	0	0	0	0	0	0	0	0	0	1
Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0
Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Deuel Co Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0
Douglas County Mem Hosp	31	0	0	0	0	0	0	31	0	0	0
Eureka Cmty Bnvlt Hosp	50	0	0	0	0	0	0	50	0	0	0
Five Counties Hosp	215	0	0	0	0	0	0	215	0	0	0
Gettysburg Medical Ctr	52	0	0	0	0	0	0	52	0	0	0
Holy Infant Hospital	50	0	0	0	0	0	0	50	0	0	0
Huron Regional Med Ctr	200	0	0	0	0	0	0	200	0	0	0
L Jungman Mem Hospital	50	0	0	0	0	0	0	50	0	0	0
Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0
Platte Cmty Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0
Queen of Peace Hospital	68	0	0	0	0	0	0	68	0	0	0
Southern Hills Gen Hosp	34	0	0	0	0	0	0	34	0	0	0
St Benedict Hospital	25	0	0	0	0	0	0	25	0	0	0
St Bernards Hosp Corp	50	0	0	0	0	0	0	50	0	0	0
St Marys Hosp (Pierre SD)	50	0	0	0	0	0	0	50	0	0	0

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[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, continued:											
South Dakota, continued:											
St Michaels Hospital	43	0	0	0	0	0	0	43	0	0	0
Sturgis Cmty Hlth Care	40	0	0	0	0	0	0	40	0	0	0
South Atlantic, total	622,220	2,786	284	194,414	1,263	64,272	73,602	104,636	99,086	49,275	32,602
Delaware, total	4,570	0	0	0	0	366	0	1,417	1,515	1,272	0
A I DuPont Inst Nemours	111	0	0	0	0	0	0	0	111	0	0
Bartol Research Institute	3,042	0	0	0	0	366	0	0	1,404	1,272	0
Medical Center Delaware	1,417	0	0	0	0	0	0	1,417	0	0	0
District of Columbia, total	245,955	252	66	37,168	782	36,649	49,861	31,847	29,688	29,939	29,703
All End Child Lead Poison	200	0	0	0	0	0	200	0	0	0	0
Alliance to Save Energy	573	0	0	0	0	348	225	0	0	0	0
Am Assc Advancment Sci	3,045	0	0	0	0	0	239	0	0	2,806	0
Am Assc Cmty & Jr Col	619	0	0	0	0	0	0	0	0	19	600
Am Assc Retired Persons	24,948	0	0	0	0	0	24,627	321	0	0	0
Am Assoc St Hwy&Trns Offc	340	0	0	0	0	0	0	0	0	0	340
Am Astronomical Society	1,161	0	0	0	0	0	0	0	261	900	0
Am Educational Rsch Assc	238	0	0	0	0	0	0	0	0	238	0
Am Forest Foundation	25	0	0	0	0	0	25	0	0	0	0
Am Med Review Rsch Ctr	691	0	0	0	0	0	0	691	0	0	0
Am Political Sci Assc	25	0	0	0	0	0	0	0	0	25	0
Am Public Welfare Assc	543	0	0	0	0	0	0	543	0	0	0
Am Registry Pathology	1,343	0	0	1,343	0	0	0	0	0	0	0
Am Soc Engineering Ed	10,504	0	0	10,454	0	0	0	0	0	50	0
Am Soc Microbiology	19	0	0	5	0	0	0	0	0	14	0
Am Sociological Assc	75	0	0	0	0	0	0	0	0	75	0
Am Statistical Assc	519	0	0	0	0	50	0	0	0	469	0
American Chemical Society	1,843	2	0	6	0	262	50	0	0	1,523	0
American Geophysicl Union	662	0	0	0	0	0	0	0	20	642	0
American Inst Architects	556	0	0	17	0	145	294	100	0	0	0
American Iron Steel Inst	9,070	0	0	255	0	8,815	0	0	0	0	0
Aquatic Resource Ed Cncl	68	0	0	0	0	0	0	0	0	0	68
Aspen Institute	172	0	0	0	0	0	0	122	0	0	50
Assc Am Geographers	24	0	0	0	0	0	0	0	0	24	0
Assc American Railroads	5,936	0	0	0	0	0	0	0	0	0	5,936
Assc Gerontology Human	173	0	0	0	0	0	0	173	0	0	0
Assc Science Tech Ctrs	168	0	0	0	0	0	0	0	0	168	0
Assc U Progs Hlth Admin	4	0	0	0	0	0	0	0	0	0	4
Assoc for Women in Sci	98	0	0	0	0	0	0	0	0	98	0
Assoc of Am Cols & Univs	16	0	0	0	0	0	0	0	0	16	0
Assoc of Amer Med Cols	287	0	0	0	0	0	0	287	0	0	0
Atlantic Council of US	500	0	0	500	0	0	0	0	0	0	0
Atlantic St Marine Fisher	537	0	0	0	0	0	0	0	0	0	537
Brookings Institution	411	0	0	0	0	0	205	106	0	75	25
Carnegie Inst Washington	8,513	100	0	180	0	866	0	2,119	1,419	3,829	0
Center Marine Converv	100	0	0	0	0	0	100	0	0	0	0
Child Hosp Natl Med Ctr	5,794	0	0	0	0	0	0	5,794	0	0	0
Child Trends, Inc	121	0	0	0	0	0	0	121	0	0	0
Civil Eng Research Fdn	1,423	0	54	95	0	0	0	0	0	0	1,274
Climate Institute	607	0	0	0	0	0	607	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0
Cncl Chief St Schl Offcrs	592	0	0	0	0	0	0	0	0	592	0
Cnstrm U Washngtn Metro	1,466	0	0	1,466	0	0	0	0	0	0	0
Computing Research Assoc	50	0	0	50	0	0	0	0	0	0	0
Coneg Policy Rsch Ctr	808	0	0	0	0	759	49	0	0	0	0
Ctr for Community Change	200	0	0	0	0	0	0	0	0	0	200
Environmental Law Inst	1,675	0	0	0	0	0	1,675	0	0	0	0
Environmental Solutions	12	0	0	0	0	0	0	0	0	0	12
Fdn Health Services Rsch	210	0	0	0	0	0	0	210	0	0	0
Food & Drug Law Inst	3	0	0	0	0	0	0	3	0	0	0
Gerontological Soc Am	530	0	0	0	0	0	0	530	0	0	0
Housing Assist Cncl	3,000	0	0	0	0	0	0	0	0	0	3,000
Housing Cnslng Svcs, Inc	75	0	0	0	0	0	0	75	0	0	0
Inst Ed Leadership	510	0	0	0	0	0	0	0	0	0	510
Interam Col Phys & Surg	41	0	0	0	0	0	31	10	0	0	0
Internatl Life Sci Inst	657	0	0	0	0	0	657	0	0	0	0
Intl City Mgt Assc	879	0	0	0	0	0	879	0	0	0	0
Intrnatl Wmn Forum Ldrshp	100	0	0	0	0	0	0	0	0	0	100
Kidsnet	50	0	0	0	0	0	0	50	0	0	0
League of Women Voters	146	0	0	0	0	0	146	0	0	0	0
Links, Inc	4	0	0	0	0	0	0	4	0	0	0
Marine Tech Society	50	0	0	0	0	0	0	0	0	50	0
Medlantic Health Care Grp	2,575	0	0	0	249	0	0	2,326	0	0	0
Mental Hlth Law Project	90	0	0	0	0	0	0	90	0	0	0
Mortgage Bankers Assc	102	0	0	0	0	0	0	0	0	0	102
N Am Assoc Environ Ed	524	0	0	0	0	0	0	0	0	524	0
National Geographic Soc	58	0	0	0	0	0	58	0	0	0	0
National Governors Assc	1,004	0	0	0	0	0	844	100	0	0	60
National Osteoporosis Fdn	50	0	0	0	0	0	0	50	0	0	0
National Public Radio	535	0	0	0	0	0	0	0	0	535	0
National Urban Coalition	60	0	0	0	0	60	0	0	0	0	0
Natl Acad Public Admin	342	0	0	0	0	0	0	0	342	0	0
Natl Academy of Sciences	93,467	150	0	12,712	408	25,247	5,998	4,545	24,506	11,690	8,211
Natl Alliance of Bus DC	4,778	0	0	0	0	0	0	0	0	0	4,778
Natl Am Indian Hsng Cncl	500	0	0	0	0	0	0	0	0	0	500
Natl Assc Agencies Aging	1,450	0	0	0	0	0	0	1,450	0	0	0
Natl Assc Conservation	75	0	0	0	0	0	75	0	0	0	0
Natl Assc Equal Oppor Ed	266	0	0	0	0	0	0	0	266	0	0
Natl Assc Minor Contract	800	0	0	0	0	0	800	0	0	0	0
Natl Assc St Units Aging	785	0	0	0	0	0	0	785	0	0	0
Natl Assc of Counties	710	0	0	0	0	0	710	0	0	0	0
Natl Biomedical Rsch Fdn	11,119	0	0	10,000	0	0	0	1,119	0	0	0
Natl Black Nurses Assoc	49	0	0	0	0	0	0	49	0	0	0
Natl Caucus Ctr Black Age	7,258	0	0	0	0	0	7,008	250	0	0	0
Natl Cncl Negro Wmn (DC)	1	0	0	0	0	0	0	0	0	0	1
Natl Cncl Soc Stud	12	0	0	0	0	0	0	0	0	12	0
Natl Cncl Teachers Math	134	0	0	0	0	0	0	0	134	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Natl Council on Aging	1,124	0	0	0	0	0	1,044	80	0	0	0
Natl Council on La Raza	280	0	0	0	0	0	0	0	0	280	0
Natl Ctzn Cltn Nrsg Hm Rf	500	0	0	0	0	0	0	500	0	0	0
Natl Fdn for Brain Rsch	65	0	0	0	0	0	0	0	65	0	0
Natl Hispanic Cncl Aging	165	0	0	0	0	0	0	165	0	0	0
Natl Inst of Bldg Science	12	0	12	0	0	0	0	0	0	0	0
Natl Sci Teachers Assc	4,017	0	0	0	0	0	149	0	947	2,845	76
Natl Sr Citizen Law Ctr	200	0	0	0	0	0	0	200	0	0	0
Natl Youth Employmnt Cltn	100	0	0	0	0	0	0	0	0	0	100
Oceanic Society	20	0	0	20	0	0	0	0	0	0	0
Optical Soc of America	74	0	0	65	0	7	0	0	0	2	0
Pension Rights Center	120	0	0	0	0	0	0	120	0	0	0
Public Technology, Inc	143	0	0	0	0	0	143	0	0	0	0
Public Voice Food & Hlth	17	0	0	0	0	0	0	17	0	0	0
Qualty Ed for Minor Netwk	2,795	0	0	0	0	0	0	0	1,306	1,489	0
Rad Tech Comm Aerontcs	31	0	0	0	0	0	0	0	31	0	0
Resources for the Future	1,644	0	0	0	0	60	1,474	0	110	0	0
Soc American Archaeology	2	0	0	0	0	0	0	0	0	0	2
Soundprint Media Ctr	850	0	0	0	0	0	0	0	0	850	0
Sport Fishing Institute	127	0	0	0	0	0	0	0	0	0	127
Student Pugwash USA	30	0	0	0	0	30	0	0	0	0	0
Svc Corps Retired Exec	69	0	0	0	0	0	69	0	0	0	0
Time Dollar Network	70	0	0	0	0	0	0	70	0	0	0
Unison Institute	199	0	0	0	0	0	0	0	0	0	199
Unisphere Institute	50	0	0	0	0	0	0	0	50	0	0
United States Conf Mayors	365	0	0	0	0	0	365	0	0	0	0
Universities Rsch Assc	196	0	0	0	0	0	0	0	146	50	0
Urban Institute	11,107	0	0	0	0	0	59	8,262	0	49	2,737
Washington Bus Group Hlth	135	0	0	0	125	0	0	10	0	0	0
Wider Opportunities Women	154	0	0	0	0	0	0	0	0	0	154
World Resources Institute	378	0	0	0	0	0	293	0	85	0	0
World Wildlife Fund US	763	0	0	0	0	0	763	0	0	0	0
Florida, total	3,832	130	0	30	0	597	0	1,843	171	1,061	0
Doctor's Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Florida Solar Energy Ctr	597	0	0	0	0	597	0	0	0	0	0
Hamltn Co Hosp (Jaspr FL)	50	0	0	0	0	0	0	50	0	0	0
Harbor Branch Ocean Inst	1,192	0	0	30	0	0	0	224	0	938	0
Inst Space Sci & Tech	171	0	0	0	0	0	0	0	171	0	0
Madison County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Miami Heart Institute	560	0	0	0	0	0	0	560	0	0	0
Mt Sinai Hosp Med Ctr FL	400	0	0	0	0	0	0	400	0	0	0
Museum of Science, Inc	123	0	0	0	0	0	0	0	0	123	0
Tampa Bay Rsch Inst Tech	639	130	0	0	0	0	0	509	0	0	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Georgia, total	2,505	0	0	19	360	632	494	453	249	228	70
Am Soc for Photobiology	9	0	0	0	0	9	0	0	0	0	0
Gordon Hospital	44	0	0	0	0	0	0	44	0	0	0
Natl Cnfc Black Mayor	2	0	0	0	0	0	0	0	0	0	2
Natl Sci Center Fdn	68	0	0	0	0	0	0	0	0	0	68
Ridgecrest Hospital	47	0	0	0	0	0	0	47	0	0	0
SE Cnstrm Minorities Eng	249	0	0	0	0	0	0	0	249	0	0
Shepard Spinal Center	360	0	0	0	360	0	0	0	0	0	0
Skidaway Inst Oceanog	1,138	0	0	19	0	397	494	0	0	228	0
Southern State Energy	226	0	0	0	0	226	0	0	0	0	0
St Josephs Hosp (Atln GA)	262	0	0	0	0	0	0	262	0	0	0
St Josephs Hosp-Dahlonega	50	0	0	0	0	0	0	50	0	0	0
Taylor Regional Hosp	50	0	0	0	0	0	0	50	0	0	0
Maryland, total	166,138	27	25	73,046	121	449	2,114	24,769	61,167	2,998	1,422
Agricultural Rsch Inst	12	12	0	0	0	0	0	0	0	0	0
Am Assc Physics Teachers	551	0	0	0	0	0	0	0	0	551	0
Am Fisheries Society	106	0	0	0	0	0	0	0	0	0	106
Am Physical Society	48	0	0	8	0	0	0	0	0	40	0
Am Physiological Society	512	0	0	0	0	0	0	0	0	512	0
Am Soc Addiction Medicine	25	0	0	0	0	0	0	25	0	0	0
Am Speech Lang&Hearng	121	0	0	0	121	0	0	0	0	0	0
Am Type Culture Col	4,637	0	0	0	0	0	70	4,567	0	0	0
American Inst Physics	180	0	0	13	0	0	0	0	0	167	0
Aspen Cancer Conference	5	0	0	0	0	0	0	5	0	0	0
Assc U Rsch & Astronomy	60,227	0	0	100	0	0	0	0	60,127	0	0
Bioelectromagnetics Soc	5	0	0	0	0	5	0	0	0	0	0
Chesapeake Rsch Cnsrtm	290	0	0	0	0	0	0	0	0	290	0
Ctr Hlth Policy Studies	385	0	0	0	0	0	0	385	0	0	0
Ctr Post Soviet Studies	289	0	0	0	0	0	25	0	264	0	0
Development Training Inst	125	0	0	0	0	0	0	0	0	0	125
Ecological Soc of America	70	0	0	0	0	0	0	0	0	70	0
Fed Am Soc Exper Biol	342	15	0	315	0	0	0	0	0	12	0
Friends Med Sci Rsch Ctr	4,182	0	0	0	0	0	0	4,182	0	0	0
G Meany Ctr Labor Study	500	0	0	0	0	0	0	0	0	0	500
Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
H M Jackson Foundation	77,572	0	0	69,884	0	0	0	7,196	253	239	0
Inst Global Environment	1,192	0	25	0	0	100	0	0	0	1,067	0
Intr-Indstry Ec Rsch Fund	247	0	0	0	0	0	0	247	0	0	0
Johns Hopkins Hospital	230	0	0	0	0	0	0	230	0	0	0
Kennedy Rsch Inst Inc	2,281	0	0	0	0	0	1,585	696	0	0	0
Kent&Queen Annes Hosp	50	0	0	0	0	0	0	50	0	0	0
Life Science Rsch Fdn	279	0	0	0	0	279	0	0	0	0	0
Melwood Hort Training Ctr	189	0	0	0	0	0	0	0	189	0	0
Natl Aquarium Baltimore	65	0	0	0	0	0	15	0	0	50	0
Natl Assc Home Builders	968	0	0	0	0	0	294	0	0	0	674
Natl Ctr Lead Safe Housng	17	0	0	0	0	0	0	0	0	0	17
Natl Public Svc Rsch Inst	188	0	0	0	0	0	0	188	0	0	0
Natl Radiatn Protect Meas	273	0	0	84	0	0	125	50	14	0	0
Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	80	0	0

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[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Maryland, continued:											
Pacific Inst Rsch&Eval MD	6,065	0	0	0	0	0	0	6,065	0	0	0
People to People Hlth Fdn	192	0	0	0	0	0	0	192	0	0	0
Sinai Hospital Baltimore	163	0	0	0	0	0	0	163	0	0	0
Soc Leukocyte Biology	5	0	0	5	0	0	0	0	0	0	0
Tiger Sci Education Fdn	15	0	0	0	0	15	0	0	0	0	0
Transcen, Inc	58	0	0	0	0	0	0	58	0	0	0
Transnatl Family Rsch MD	127	0	0	0	0	0	0	127	0	0	0
Triangle Coaltn Sci&Tech	87	0	0	0	0	50	0	0	37	0	0
U Assoc Rsch & Ed Pathol	293	0	0	0	0	0	0	293	0	0	0
University Rsch Fdn	2,840	0	0	2,637	0	0	0	0	203	0	0
North Carolina, total	77,431	18	0	6,593	0	1,525	20,682	42,295	2,411	3,183	724
Alcohol Research Inst	2,754	0	0	0	0	0	0	2,754	0	0	0
Alleghaney Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Bertie County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Crawley Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Ctr Creative Leadership	70	0	0	0	0	0	0	0	70	0	0
Discovery Place, Inc	683	0	0	0	0	0	0	0	0	683	0
Family Health Intl	476	0	0	0	0	0	0	476	0	0	0
Microelectronics Ctr	8,822	0	0	3,827	0	0	2,495	0	0	2,500	0
NC Alternative Enrgy Corp	148	0	0	0	0	0	0	0	0	0	148
Natl Inst Statistical Sci	565	0	0	0	0	0	565	0	0	0	0
Research Triangle Inst	63,662	18	0	2,766	0	1,525	17,622	38,815	2,341	0	575
Sea Level Hospital	50	0	0	0	0	0	0	50	0	0	0
YWCA (Greensboro, NC)	1	0	0	0	0	0	0	0	0	0	1
South Carolina, total	31,501	0	0	31,025	0	299	0	150	0	27	0
Intst Shellfish Sanitatio	150	0	0	0	0	0	0	150	0	0	0
SC Educational TV Netwrk	27	0	0	0	0	0	0	0	0	27	0
SC Research Authority	31,324	0	0	31,025	0	299	0	0	0	0	0
Virginia, total	86,085	1,057	193	46,533	0	23,755	451	500	2,385	10,528	683
Air Conditioning & Refrig	1,590	0	0	0	0	1,590	0	0	0	0	0
Am Geological Institute	163	0	0	0	0	113	0	0	0	50	0
Am Inst Biological Sci	8,983	8	193	6,465	0	74	0	0	2,243	0	0
American Counseling Assc	109	0	0	0	0	0	0	0	109	0	0
Analytic Services, Inc	33,673	0	0	33,673	0	0	0	0	0	0	0
Assoc Analytical Chemists	204	0	0	0	0	0	0	204	0	0	0
Catholic Charities USA	46	0	0	0	0	0	0	46	0	0	0
Cmty Mem Hosp (S Hill VA)	50	0	0	0	0	0	0	50	0	0	0
Compstng Cncl Rsch&Ed Fdn	60	0	0	0	0	0	60	0	0	0	0
Corp Natl Rsch Initiative	4,662	0	0	3,596	0	0	0	0	0	1,066	0
Dickenson Co Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Educational Film Center	1,239	0	0	0	0	0	0	0	0	1,239	0
Human Resources Rsch Org	2,499	0	0	2,499	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	7,310	0	0	0	0	0	0	0	0	7,310	0
Lee Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Marine Science Cnsrtm	76	0	0	0	0	0	0	0	0	76	0
Natl Assc Bio Teacher VA	23	0	0	0	0	0	0	0	0	23	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Virginia, continued:											
Natl Conf State Bldg Code	35	0	0	0	0	0	35	0	0	0	0
Natl Ctr Res Innovations	966	966	0	0	0	0	0	0	0	0	0
Nature Conservancy	1,426	83	0	300	0	0	356	0	0	4	683
RJ Reynolds-Ptrk Co Hosp	50	0	0	0	0	0	0	50	0	0	0
Southeastern U Rsch Assc	774	0	0	0	0	0	0	0	33	741	0
Southside Community Hosp	50	0	0	0	0	0	0	50	0	0	0
US Export Cncl Renew Engy	102	0	0	0	0	102	0	0	0	0	0
Virginia Mus of Natl Hist	19	0	0	0	0	0	0	0	0	19	0
Waste Policy Institute	21,876	0	0	0	0	21,876	0	0	0	0	0
West Virginia, total	4,203	1,302	0	0	0	0	0	1,362	1,500	39	0
Braxton County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0
Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Lawrence Frankel Fdn	30	0	0	0	0	0	0	30	0	0	0
Montgomery Gen Hosp	50	0	0	0	0	0	0	50	0	0	0
Natl Youth Sci Fdn	39	0	0	0	0	0	0	0	0	39	0
Preston Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Sistersville General Hosp	89	0	0	0	0	0	0	89	0	0	0
Spring & Groundwater Inst	1,302	1,302	0	0	0	0	0	0	0	0	0
WV High Tech Cnsrtm	1,500	0	0	0	0	0	0	0	1,500	0	0
WV Research Corp	993	0	0	0	0	0	0	993	0	0	0
East South Central, total	75,92[illegible]	979	0	7,587	0	2,522	4,959	49,603	9,730	67	478
Alabama, total	42,051	0	0	6,190	0	2,468	4,096	29,240	0	57	0
Bullock Co Hosp Nursing	49	0	0	0	0	0	0	49	0	0	0
DeKalb Baptist Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Marine Environ Sci Cnsrtm	57	0	0	0	0	0	0	0	0	57	0
Marion County Med Ctr	50	0	0	0	0	0	0	50	0	0	0
SE Ctr Elec Eng Ed	3,537	0	0	3,537	0	0	0	0	0	0	0
Southern Research Inst	38,308	0	0	2,653	0	2,468	4,096	29,091	0	0	0
Kentucky, total	266	0	0	0	0	0	0	262	0	0	4
Berea Hosp	48	0	0	0	0	0	0	48	0	0	0
James B Haggin Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
KY Rsch & Ed Inst Women	4	0	0	0	0	0	0	0	0	0	4
Marcum & Wallace Mem Hosp	45	0	0	0	0	0	0	45	0	0	0
Muhlenburg Cmty Hosp	19	0	0	0	0	0	0	19	0	0	0
Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0
Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Mississippi, total	4,402	973	0	1,000	0	0	863	50	1,516	0	0
George County Hospital	50	0	0	0	0	0	0	50	0	0	0
Gulf Coast Rsch Lab	1,[illegible]1	788	0	0	0	0	863	0	0	0	0
Inst for Technology Dev	1,435	185	0	0	0	0	0	0	1,250	0	0
Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0
TriSt Ed Initiativ Cnstrm	266	0	0	0	0	0	0	0	266	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
East South Central, continued:											
Tennessee, total	29,206	6	0	397	0	54	0	20,051	8,214	10	474
Am Math Assoc Two-Yr Cols	10	0	0	0	0	0	0	0	0	10	0
American Welding Inst	397	0	0	397	0	0	0	0	0	0	0
Bicentennial Volunteers	6	6	0	0	0	0	0	0	0	0	0
Copper Basin Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Ducks Unlimited, Inc	396	0	0	0	0	0	0	0	0	0	396
Jellico Community Hosp	50	0	0	0	0	0	0	50	0	0	0
Oak Ridge Research Inst	54	0	0	0	0	54	0	0	0	0	0
St Jude Child Rsch Hosp	19,951	0	0	0	0	0	0	19,951	0	0	0
U TN Calspn Aero Rsch	8,214	0	0	0	0	0	0	0	8,214	0	0
YWCA of Greater Memphis	78	0	0	0	0	0	0	0	0	0	78
West South Central, total	170,238	160	0	104,565	1,620	895	1,794	9,139	42,373	3,725	5,967
Arkansas, total	210	0	0	0	0	0	0	210	0	0	0
Arkansas Children's Hosp	41	0	0	0	0	0	0	41	0	0	0
Conway County Hospital	50	0	0	0	0	0	0	50	0	0	0
Delta Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Eureka Springs Hospital	19	0	0	0	0	0	0	19	0	0	0
Med Ctr of Calico Rock	50	0	0	0	0	0	0	50	0	0	0
Louisiana, total	910	0	0	0	0	0	9	901	0	0	0
Alton Ochsner Med Fdn	801	0	0	0	0	0	0	801	0	0	0
Gulf South Research Inst	9	0	0	0	0	0	9	0	0	0	0
Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0
W Carroll Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Oklahoma, total	6,263	0	0	0	0	0	0	5,983	200	80	0
Cleveland Area Hosp	50	0	0	0	0	0	0	50	0	0	0
Cushing Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0
Grove General Hospital	50	0	0	0	0	0	0	50	0	0	0
Mary Hurley Hospital	50	0	0	0	0	0	0	50	0	0	0
Oklahoma Med Rsch Fdn	5,863	0	0	0	0	0	0	5,783	0	80	0
Rural Enterprises, Inc	200	0	0	0	0	0	0	0	200	0	0
Texas, total	162,855	160	0	104,565	1,620	895	1,785	2,045	42,173	3,645	5,967
Baylor Research Institute	121	0	0	0	0	0	0	0	0	0	121
Botanical Rsch Inst TX	12	0	0	0	0	0	0	0	0	12	0
Chld Care Cnctn (Astn TX)	3	0	0	0	0	0	0	0	0	0	3
Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Columbus Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Crosbyton Clinic Hosp	50	0	0	0	0	0	0	50	0	0	0
E Texas Med Ctr Mt Vernon	50	0	0	0	0	0	0	50	0	0	0
Eastland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Frio Hospital	50	0	0	0	0	0	0	50	0	0	0
Habitat SW Hmnty Intrnatl	61	0	0	0	0	0	0	0	0	0	61
Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Hispanic Assc Col & U	65	0	0	0	0	65	0	0	0	0	0
Houston Advanced Research	252	15	0	102	0	0	25	0	110	0	0
Inst Rehab & Rsch	1,620	0	0	0	1,620	0	0	0	0	0	0
Institute Aerobics Rsch	1,077	0	0	0	0	0	0	1,077	0	0	0

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Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
West South Central, continued:											
Texas, continued:											
Natl Assc Corrosion Eng	25	0	0	25	0	0	0	0	0	0	0
Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0
Scott and White Mem Hosp	358	0	0	0	0	0	0	358	0	0	0
Sematech, Inc	88,696	0	0	88,696	0	0	0	0	0	0	0
Southwest Fdn Biomed Rsch	609	0	0	299	0	0	0	0	220	90	0
Southwest Research Inst	27,723	145	0	14,506	0	484	1,760	0	4,793	259	5,776
Texas Eng Exprmt Station	3,267	0	0	0	0	346	0	0	0	2,921	0
Texas Heart Institute	160	0	0	0	0	0	0	160	0	0	0
Texas Learning Tech Group	363	0	0	0	0	0	0	0	0	363	0
Universities Space Rsch	37,987	0	0	937	0	0	0	0	37,050	0	0
YWCA Metro Br Womens Ctr	6	0	0	0	0	0	0	0	0	0	6
Yoakum Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0
Mountain, total	73,438	85	40	1,423	990	11,131	1,746	45,447	5,983	6,275	318
Arizona, total	6,370	0	0	309	0	0	0	4,781	932	348	0
Benson Hospital	50	0	0	0	0	0	0	50	0	0	0
Carondelet Hlth Svc Inc	388	0	0	0	0	0	0	388	0	0	0
Good Samaritan Med Ctr	101	0	0	0	0	0	0	101	0	0	0
Havasu Samaritan Reg Hosp	50	0	0	0	0	0	0	50	0	0	0
Inst Postdoctoral Studies	19	0	0	19	0	0	0	0	0	0	0
Lewis R Pyle Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Lowell Observatory	1,432	0	0	290	0	0	0	0	932	210	0
Marcus J Lwrnce Med Ctr	50	0	0	0	0	0	0	50	0	0	0
Mount Graham Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Navajo Natl Health Fdn	50	0	0	0	0	0	0	50	0	0	0
Page Hospital	50	0	0	0	0	0	0	50	0	0	0
St Josephs Hosp & Med Ctr	3,538	0	0	0	0	0	0	3,453	0	85	0
Sun Health Rsch Inst	439	0	0	0	0	0	0	439	0	0	0
White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Zetetic Institute	53	0	0	0	0	0	0	0	0	53	0
Colorado, total	45,807	14	40	771	990	813	1,649	33,339	4,863	3,043	285
AMC Cancer Rsch Ctr	726	0	0	726	0	0	0	0	0	0	0
Am Cancer Rsch Ctr & Hosp	8,579	0	0	0	0	0	0	8,579	0	0	0
Am Indian Sci & Eng Soc	771	0	0	10	0	74	256	0	69	362	0
Am Wtr Wrks Assn Rsch Fdn	589	0	0	0	0	0	359	0	0	0	230
Amb Sentinel Pract Ntwrk	1,734	0	0	0	0	0	0	1,734	0	0	0
Asian Pacific Dev Ctr CO	1	0	0	0	0	0	0	0	0	0	1
Aspen Center for Physics	50	0	0	5	0	6	0	0	39	0	0
Biol Sci Curriculm Study	2,284	0	0	0	0	198	0	0	0	2,086	0
Care-A-Van	75	0	0	0	0	0	0	75	0	0	0
Career Choices, Inc	2	0	0	0	0	0	0	0	0	0	2
Child Asthma Rsch Inst	488	0	0	0	0	0	0	488	0	0	0
Cncl Engy Resource Tribes	26	0	0	0	0	26	0	0	0	0	0
Conejos County Hospital	30	0	0	0	0	0	0	30	0	0	0
Craig Hospital	1,164	0	0	0	990	0	0	174	0	0	0
Crow Valley Livestock	14	14	0	0	0	0	0	0	0	0	0

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[Thousands of dollars]

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Mountain, continued:											
Colorado, continued:											
Ctr Hlth Policy Rsch	1,438	0	0	0	0	0	0	1,438	0	0	0
E Roosevelt Inst Cancer	3,635	0	0	0	0	275	0	3,360	0	0	0
East Morgan Co Hosp	50	0	0	0	0	0	0	50	0	0	0
Ed Commission/States	142	0	0	0	0	0	0	0	0	142	0
Family Health West	50	0	0	0	0	0	0	50	0	0	0
Geological Soc of America	123	0	0	0	0	0	0	0	0	100	23
Gunnison Valley Hosp	83	0	0	0	0	0	0	83	0	0	0
Inst Rsch Social Problem	182	0	0	0	0	0	0	182	0	0	0
Keystone Center	67	0	0	25	0	7	0	10	0	0	25
Lower Valley Hosp Assoc	200	0	0	0	0	0	0	200	0	0	0
Montrose Rgn Hosp, Inc	50	0	0	0	0	0	0	50	0	0	0
Natl Conf St Legis Leader	1,034	0	0	0	0	0	1,034	0	0	0	0
Natl Jewish Ctr Immunolgy	16,368	0	0	0	0	0	0	16,368	0	0	0
Penrose Hospital	468	0	0	0	0	0	0	468	0	0	0
Rocky Mountain Bio Lab	353	0	0	0	0	0	0	0	0	353	0
Space Science Institute	55	0	0	5	0	0	0	0	50	0	0
St Marys Hosp (Gd Jct CO)	227	0	0	0	0	227	0	0	0	0	0
Top Trail Chld Plcmt Agcy	1	0	0	0	0	0	0	0	0	0	1
U Corp for Atmosph Rsch	4,012	0	40	0	0	0	0	0	3,972	0	0
US Space Foundation	593	0	0	0	0	0	0	0	593	0	0
Windstar Foundation	140	0	0	0	0	0	0	0	140	0	0
Wmns Res Ctr (Delta, CO)	1	0	0	0	0	0	0	0	0	0	1
YWCA Metro Denver	2	0	0	0	0	0	0	0	0	0	2
Idaho, total	235	0	0	0	0	0	0	225	0	0	10
Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0
Mountain States Group	125	0	0	0	0	0	0	125	0	0	0
St Marys Hosp (Ctnwd ID)	50	0	0	0	0	0	0	50	0	0	0
Wstrn ID Cmty Action Prgm	10	0	0	0	0	0	0	0	0	0	10
Montana, total	3,003	71	0	0	0	487	0	445	0	2,000	0
Cmty Memorial Hosp Sidney	50	0	0	0	0	0	0	50	0	0	0
Dahl Memorial Hospital	26	0	0	0	0	0	0	26	0	0	0
Daniels Memorial Hospital	2	0	0	0	0	0	0	2	0	0	0
Frances Mahon Dcnes Hosp	11	0	0	0	0	0	0	11	0	0	0
MT Hosp Rsch & Ed Fdn	115	0	0	0	0	0	0	115	0	0	0
Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Montana Teachers of Math	2,000	0	0	0	0	0	0	0	0	2,000	0
Natl Ctr Appropriate Tech	487	0	0	0	0	487	0	0	0	0	0
North Valley Hospital	44	0	0	0	0	0	0	44	0	0	0
Phillips County Hospital	1	0	0	0	0	0	0	1	0	0	0
Roosvlt Mem Hosp&Nrsg Hm	46	0	0	0	0	0	0	46	0	0	0
Sheridan Memorial Hosp	48	0	0	0	0	0	0	48	0	0	0
Stillwater Community Hosp	2	0	0	0	0	0	0	2	0	0	0
Systems for Envir Mgt	71	71	0	0	0	0	0	0	0	0	0
Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0

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Mountain, continued:											
Nevada, total	198	0	0	0	0	0	0	198	0	0	0
Churchill Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0
Northeastern Rgnl Hosp	48	0	0	0	0	0	0	48	0	0	0
South Lyon Medical Center	50	0	0	0	0	0	0	50	0	0	0
Wm Bee Ririe Hospital	50	0	0	0	0	0	0	50	0	0	0
New Mexico, total	6,409	0	0	343	0	820	97	4,258	188	697	6
Colfax General Hosp	48	0	0	0	0	0	0	48	0	0	0
Designwrights Collabortv	5	0	0	0	0	0	0	0	0	0	5
Espanola Hospital	48	0	0	0	0	0	0	48	0	0	0
Guadalupe County Hospital	49	0	0	0	0	0	0	49	0	0	0
Hly Crs Hosp (Taos NM)	48	0	0	0	0	0	0	48	0	0	0
Lovelace Biomed Environ	266	0	0	20	0	149	97	0	0	0	0
Lovelace Fdn for Med Ed	4,138	0	0	0	0	241	0	3,767	85	45	0
NM Comm Status of Women	1	0	0	0	0	0	0	0	0	0	1
NM Museum of Natr Hist	85	0	0	0	0	85	0	0	0	0	0
Natl Indian Cncl Aging	150	0	0	0	0	0	0	150	0	0	0
New Mexico Mesa Inc	75	0	0	0	0	0	0	0	75	0	0
Rehobth McKnly Chrst Hosp	50	0	0	0	0	0	0	50	0	0	0
Sante Fe Institute	1,348	0	0	323	0	345	0	0	28	652	0
Socorro General Hospital	50	0	0	0	0	0	0	50	0	0	0
Union County Gnrl Hosp	48	0	0	0	0	0	0	48	0	0	0
Utah, total	6,494	0	0	0	0	4,206	0	2,101	0	187	0
Assoc Western U Inc	4,206	0	0	0	0	4,206	0	0	0	0	0
Central Valley Med Ctr	49	0	0	0	0	0	0	49	0	0	0
Easter Seal Soc of Utah	70	0	0	0	0	0	0	70	0	0	0
Garfield Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Latter Day Saints Hosp	1,018	0	0	0	0	0	0	1,018	0	0	0
Monument Valley Hospital	32	0	0	0	0	0	0	32	0	0	0
Salt Lake Clinic Rsch Fdn	882	0	0	0	0	0	0	882	0	0	0
Utah Research Institute	187	0	0	0	0	0	0	0	0	187	0
Wyoming, total	4,922	0	0	0	0	4,805	0	100	0	0	17
Campbell Co Hosp Dist	50	0	0	0	0	0	0	50	0	0	0
Star Valley Hpspital	50	0	0	0	0	0	0	50	0	0	0
Western Research Inst	4,822	0	0	0	0	4,805	0	0	0	0	17
Pacific, total	473,706	6,277	154	66,288	4,376	10,215	8,248	342,102	10,964	24,317	765
Alaska, total	401	0	0	0	0	0	0	150	0	250	1
Alaska Federation Natives	250	0	0	0	0	0	0	0	0	250	0
Central Peninsula Gen Hos	50	0	0	0	0	0	0	50	0	0	0
South Peninsula Hosp	50	0	0	0	0	0	0	50	0	0	0
Valley Hospital	50	0	0	0	0	0	0	50	0	0	0
YWCA Anchorage	1	0	0	0	0	0	0	0	0	0	1
California, total	341,837	473	60	65,215	4,376	8,605	4,370	228,591	10,672	18,714	761
Agouron Institute	1,156	0	0	151	0	121	0	765	0	119	0
Am Electronics Assc	376	0	0	0	0	0	0	0	0	0	376
Am Soc Zoologists	7	0	0	0	0	0	0	0	0	7	0
American Society Aging	250	0	0	0	0	0	0	250	0	0	0

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Pacific, continued:											
California, continued:											
American Tech Initiative	736	0	0	0	0	0	0	0	736	0	0
Applied Technology Cncl	298	0	0	0	0	0	0	0	0	0	298
Assc Natl Person Mayor	3,816	0	0	0	0	0	3,666	150	0	0	0
Avalon Med Dvlpt Corp	49	0	0	0	0	0	0	49	0	0	0
Beckman Research Inst	8,438	200	0	0	0	0	0	8,049	0	189	0
CA Academy of Sciences	168	0	0	0	0	0	0	0	0	168	0
CA Inst of Bio Research	1,751	0	0	0	0	0	0	1,751	0	0	0
CA Museum Foundation	107	0	0	0	0	73	0	0	0	34	0
CA Public Hlth Foundation	5,413	0	0	149	0	368	105	4,791	0	0	0
CA U Rsch Earthquake Eng	98	0	0	0	0	0	0	0	0	98	0
Cedars Sinai Med Ctr	10,888	0	0	0	0	398	0	10,490	0	0	0
Chabot Obsrvtry & Sci Ctr	12,000	0	0	12,000	0	0	0	0	0	0	0
Child Hosp & Health Ctr	860	0	0	0	0	0	0	860	0	0	0
Child Hosp Los Angeles	8,045	0	0	100	0	0	0	7,868	0	77	0
Child Hosp&Med Ctr N CA	2,221	0	0	0	0	0	0	2,155	66	0	0
City of Hope Medical Ctr	71	0	0	71	0	0	0	0	0	0	0
Ctr Adv Study Behav Sci	950	0	0	0	0	0	0	0	0	950	0
Ctr Family in Transition	193	0	0	0	0	0	0	193	0	0	0
Doheny Eye Institute	1,754	0	0	0	0	0	0	1,754	0	0	0
Earthquake Eng Rsch Inst	214	0	0	0	0	0	0	0	0	184	30
Easter Seal Soc Redwd Cst	70	0	0	0	0	0	0	70	0	0	0
Educational Beginnings	3	0	0	0	0	0	0	0	0	0	3
Eeg Systems Lab	712	0	0	292	0	0	0	420	0	0	0
Electric Power Research	4,519	0	0	10	0	4,489	20	0	0	0	0
Elkhorn Slough Fdn	20	0	20	0	0	0	0	0	0	0	0
Eloret Institute	785	0	0	0	0	0	0	0	785	0	0
Exploratorium	2,527	0	0	0	0	70	0	0	0	2,457	0
Far W Labs Ed Rsch & Dev	634	0	0	0	0	0	0	0	0	634	0
Fdn for Advance Sci & Ed	485	0	0	0	0	485	0	0	0	0	0
Fdn for Advance Sci & Eng	1,098	0	0	0	0	0	0	0	0	1,098	0
Galaxy Inst for Ed	1,491	0	0	0	0	0	0	0	0	1,491	0
Girls Inc Alameda Cty	93	0	0	0	0	0	0	0	0	93	0
Herditary Disease Fdn	389	0	0	0	0	0	0	389	0	0	0
House Ear Institute	563	0	0	0	0	0	0	563	0	0	0
Hubbs Sea World Rsch Inst	56	0	0	56	0	0	0	0	0	0	0
Huntington Med Rsch Insts	1,181	0	0	0	0	0	0	1,081	100	0	0
Inst Medical Research	162	0	0	0	0	0	0	162	0	0	0
Inst Study Learning Exper	150	0	0	150	0	0	0	0	0	0	0
Inst for Rsch on Learning	1,127	0	0	0	0	0	0	0	0	1,127	0
Intl Assc Phys Sci Ocean	35	0	0	0	0	0	0	0	0	35	0
Intl Computer Sci Inst	380	0	0	231	0	69	0	0	0	80	0
Jay David Gladstone Fdn	5,456	0	0	0	0	0	0	5,456	0	0	0
Kaiser Fdn Rsch Inst	15,990	0	0	596	0	0	94	15,300	0	0	0
Kaiser Foundation Hosp	506	0	0	0	0	0	0	506	0	0	0
Kestrel Institute	1,882	0	0	1,882	0	0	0	0	0	0	0
L A City Mus Natr Hist	103	0	0	0	0	0	0	0	0	103	0
La Jolla Cancer Rsch Fdn	12,201	0	0	0	0	0	0	12,201	0	0	0
Legal Assistance Seniors	75	0	0	0	0	0	0	75	0	0	0
Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Linus Pauling Institute	145	0	0	0	0	145	0	0	0	0	0
Los Amigos Rsch & Ed	1,890	0	0	0	1,890	0	0	0	0	0	0
MCAT Institute	1,329	0	0	0	0	0	0	0	1,329	0	0
Math Science Network	11	0	0	0	0	0	0	0	11	0	0
Math Sciences Rsch Inst	3,145	0	0	15	0	10	0	0	0	3,120	0
Medical Biology Institute	1,749	0	0	0	0	0	0	1,749	0	0	0
Mem Hosp Med Ctr Long Bch	75	0	0	0	0	0	0	75	0	0	0
Memorial Cancer Rsch Fdn	182	0	0	0	0	0	0	182	0	0	0
Mendocino Coast Dist Hosp	50	0	0	0	0	0	0	50	0	0	0
Molecular Research Inst	910	0	0	0	0	0	0	810	0	100	0
Monterey Bay Aquarm Rsch	186	0	40	146	0	0	0	0	0	0	0
Mt Zion Inst on Aging	125	0	0	0	0	0	0	125	0	0	0
NIPS Foundation	15	0	0	15	0	0	0	0	0	0	0
National Water Rsch Inst	142	0	0	0	0	0	100	0	0	0	42
Natl Ctr for Dev of Ed	110	0	0	0	0	0	0	0	0	110	0
New Ways To Work	1	0	0	0	0	0	0	0	0	0	1
Northern CA Inst Rsch&Ed	77	0	0	77	0	0	0	0	0	0	0
Palo Alto Inst Molec Med	115	0	0	0	0	115	0	0	0	0	0
Palo Alto Med Rsch Fdn	1,690	0	0	0	0	0	0	1,690	0	0	0
Parkinson Institute	70	0	0	0	0	0	0	0	70	0	0
Point Reyes Bird Observ	107	73	0	0	0	0	0	0	0	34	0
Prmry Care Perinatal Svcs	419	0	0	0	0	0	0	419	0	0	0
Public Health Fdn Entrprs	650	0	0	0	0	0	0	570	0	80	0
Public Intrst Ctr on LTC	125	0	0	0	0	0	0	125	0	0	0
Rand Corporation	19,048	0	0	0	0	0	145	17,761	248	894	0
Research & Education Inst	102	0	0	0	0	0	0	102	0	0	0
S Juan Capstrno Rsch Inst	340	0	0	0	0	0	0	0	340	0	0
SRI International	57,254	0	0	38,738	0	1,542	92	10,889	1,230	4,763	0
Salk Inst for Biol Study	35,751	100	0	8,987	0	441	0	25,723	210	290	0
Salvation Army, A CA Corp	75	0	0	0	0	0	0	75	0	0	0
San Diego Soc Natr Hist	11	0	0	11	0	0	0	0	0	0	0
San Francisco Gen Hosp	299	0	0	0	0	0	0	299	0	0	0
San Francisco Labor Fdn	2	0	0	0	0	0	0	0	0	0	2
Sansum Medical Rsch Fdn	186	0	0	0	0	0	0	186	0	0	0
Scientific Analysis Corp	1,634	0	0	0	0	0	0	1,634	0	0	0
Scripps Clinic & Rsch Fdn	82,915	100	0	1,377	0	279	0	80,557	602	0	0
Scripps Memorial Hospital	3,701	0	0	0	0	0	0	3,701	0	0	0
Seti Institute	3,902	0	0	0	0	0	0	0	3,902	0	0
Smith Kittwell Eye Rsch	3,762	0	0	161	1,050	0	0	2,551	0	0	0
Soc Hispanic Prof Eng CA	57	0	0	0	0	0	0	0	57	0	0
Southwest Regional Ed Lab	249	0	0	0	249	0	0	0	0	0	0
Space Physics Rsch Inst	221	0	0	0	0	0	0	0	221	0	0
St Joseph Hosp (Eurka CA)	200	0	0	0	0	0	0	200	0	0	0
Tradeswomen, Inc	2	0	0	0	0	0	0	0	0	0	2
Transnatl Family Rsch CA	241	0	0	0	0	0	0	241	0	0	0
Volntr Ctr Grtr Riverside	100	0	0	0	0	0	0	100	0	0	0
Water Education Fdn	35	0	0	0	0	0	30	0	0	0	5
Western Aerospace Labs	765	0	0	0	0	0	0	0	765	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Western Cnsrtm Public Hlth	3,447	0	0	0	0	0	118	3,329	0	0	0
World Inst Disabil Rsch	1,189	0	0	0	1,187	0	0	0	0	0	2
Zoological Soc San Diego	379	0	0	0	0	0	0	0	0	379	0
Hawaii, total	13,534	5,459	94	0	0	1,274	335	6,324	0	48	0
Bernice P Bishop Museum	48	0	0	0	0	0	0	0	0	48	0
East West Center	600	0	0	0	0	265	335	0	0	0	0
Hawaii Sugar Planters	884	884	0	0	0	0	0	0	0	0	0
Kapiolani Child Med Ctr	297	0	0	0	0	0	0	297	0	0	0
Kuakini Med Rsch Inst	5,477	0	0	0	0	0	0	5,477	0	0	0
Oceanic Institute	4,575	4,575	0	0	0	0	0	0	0	0	0
Pacific Basin Dev Council	94	0	94	0	0	0	0	0	0	0	0
Pacific Intl Ctr Hi Tech	1,009	0	0	0	0	1,009	0	0	0	0	0
Staub Pacific Hlth Fdn	500	0	0	0	0	0	0	500	0	0	0
Wilcox Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0
Oregon, total	31,003	214	0	200	0	0	0	29,161	169	1,259	0
Aerial Forest Mgt Fdn	137	137	0	0	0	0	0	0	0	0	0
Emanuel Hospital	41	0	0	0	0	0	0	41	0	0	0
Good Samaritan Hosp & Med	4,097	0	0	0	0	0	0	3,685	139	273	0
Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0
Hood River Mem Hospital	50	0	0	0	0	0	0	50	0	0	0
Kaiser Foundation	702	0	0	0	0	0	0	702	0	0	0
Linfield Research Inst	200	0	0	200	0	0	0	0	0	0	0
Med Rsch Fdn Oregon	11,173	0	0	0	0	0	0	11,173	0	0	0
Oregon Museum Sci Indstry	898	0	0	0	0	0	0	0	0	898	0
Oregon Research Inst	7,837	0	0	0	0	0	0	7,749	0	88	0
Oregon Socl Learning Ctr	4,269	0	0	0	0	0	0	4,269	0	0	0
Pacific GIS	57	57	0	0	0	0	0	0	0	0	0
Pioneer Memorial Hosp OR	50	0	0	0	0	0	0	50	0	0	0
Providence Med Ctr Prtlnd	353	0	0	0	0	0	0	353	0	0	0
Self Enhancement, Inc	793	0	0	0	0	0	0	793	0	0	0
Telemedicine Rsch Ctr	246	0	0	0	0	0	0	246	0	0	0
W Biomedical Rsch Inst	30	0	0	0	0	0	0	0	30	0	0
Willamette Inst Bio Cntrl	20	20	0	0	0	0	0	0	0	0	0
Washington, total	86,931	131	0	873	0	336	3,543	77,876	123	4,046	3
Astrophysical Rsch Cnsrtm	1,397	0	0	297	0	0	0	0	0	1,100	0
Biomembrane Institute	805	0	0	0	0	0	0	805	0	0	0
Child Orthopedic Hospital	6,015	131	0	98	0	0	0	5,786	0	0	0
Community Home Health	50	0	0	0	0	0	0	50	0	0	0
Ctr Health Studies	424	0	0	0	0	0	0	424	0	0	0
F Hutchnsn Cancer Rsch	62,757	0	0	74	0	336	0	61,859	123	365	0
Fdn Glacier Environ Rsch	97	0	0	0	0	0	0	0	0	97	0
Grp Hlth Coop Puget Sound	139	0	0	0	0	0	0	139	0	0	0
Infcts Disease Rsch Inst	290	0	0	0	0	0	0	290	0	0	0
Island Hospital	50	0	0	0	0	0	0	50	0	0	0
Issaquah Grp Hlth & Env	2,219	0	0	0	0	0	0	2,219	0	0	0
KCTS Television	1,500	0	0	0	0	0	0	0	0	1,500	0

See explanatory information, if any, and SOURCE at end of table.

Table B-28. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1994

[Thousands of dollars]

Geographic division, State, and institution	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
Washington, continued:											
Natl Asian Pac Ctr Aging	3,693	0	0	0	0	0	3,543	150	0	0	0
Pacific NW Research Fdn	1,234	0	0	404	0	0	0	830	0	0	0
Pacific Science Ctr Fdn	800	0	0	0	0	0	0	0	0	800	0
Puget Sound Blood Center	831	0	0	0	0	0	0	831	0	0	0
Seattle Biomed Rsch Inst	145	0	0	0	0	0	0	0	0	145	0
Seattle Research Center	719	0	0	0	0	0	0	719	0	0	0
Soc Photo Optical Inst	39	0	0	0	0	0	0	0	0	39	0
Swedish Hospital Med Ctr	702	0	0	0	0	0	0	702	0	0	0
VA Mason Fdn Med Ed&Rsch	3,022	0	0	0	0	0	0	3,022	0	0	0
Women of Vision	3	0	0	0	0	0	0	0	0	0	3
Outlying Areas, total	150	0	0	0	0	0	0	150	0	0	0
Puerto Rico, total	150	0	0	0	0	0	0	150	0	0	0
Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0
Puerto Rico Lgl Svcs, Inc	100	0	0	0	0	0	0	100	0	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	1,762,794	7,409	3,487	873,817	4,168	33,268	56,708	596,467	1,214	60,374	112,390	13,492
1 Mitre Corporation	236,086	0	0	228,600	0	1,950	0	0	0	5,394	142	0
2 Draper Laboratories	168,154	0	0	160,104	0	0	0	0	0	7,950	100	0
3 Sematech, Inc	88,696	0	0	88,696	0	0	0	0	0	0	0	0
4 Battelle Memorial Inst	81,051	0	0	60,401	0	3,688	5,797	6,856	0	1,550	0	2,759
5 H M Jackson Foundation	77,572	0	0	69,884	0	0	0	7,196	0	253	239	0
6 Research Triangle Inst	63,662	18	0	2,766	0	1,525	17,622	38,815	0	2,341	0	575
7 F Hutchnsn Cancer Rsch	62,757	0	0	74	0	336	0	61,859	0	123	365	0
8 SRI International	57,254	0	0	38,738	0	1,542	92	10,889	0	1,230	4,763	0
9 Sloan Kettering Cancer	49,213	0	0	686	0	786	0	47,281	0	0	460	0
10 IIT Research Institute	48,270	0	0	42,691	0	0	158	5,336	0	0	0	85
Total 1st 10 institutions	932,715	18	0	692,640	0	9,827	23,669	178,232	0	18,841	6,069	3,419
11 Natl Ctr Manufactrng Sci	43,741	0	0	43,600	0	141	0	0	0	0	0	0
12 Southern Research Inst	38,308	0	0	2,653	0	2,468	4,096	29,091	0	0	0	0
13 Salk Inst for Biol Study	35,751	100	0	8,987	0	441	0	25,723	0	210	290	0
14 Joint Ocean Insts, Inc	34,200	0	0	304	0	0	0	0	0	0	33,896	0
15 Analytic Services, Inc	33,673	0	0	33,673	0	0	0	0	0	0	0	0
16 Southwest Research Inst	27,723	145	0	14,506	0	484	1,760	0	0	4,793	259	5,776
17 Cold Spring Harbor Lab	20,544	397	0	833	0	491	0	17,745	0	0	1,078	0
18 Midwest Research Inst	20,429	0	0	903	0	2,711	8,092	8,723	0	0	0	0
19 MPC Corporation	20,385	0	0	0	0	0	0	1,847	0	0	18,538	0
20 Rand Corporation	19,048	0	0	0	0	0	145	17,761	0	248	894	0
Total 1st 20 institutions	1,226,517	660	0	798,099	0	16,563	37,762	279,122	0	24,092	61,024	9,195
21 Whitehead Inst Biomed	17,632	0	0	0	0	0	0	17,209	0	0	423	0
22 Jackson Laboratory	16,588	0	0	63	0	0	0	16,042	0	0	483	0
23 Kaiser Fdn Rsch Inst	15,990	0	0	596	0	0	94	15,300	0	0	0	0
24 Wistar Institute	12,893	0	0	0	0	0	0	11,725	0	0	1,168	0
25 La Jolla Cancer Rsch Fdn	12,201	0	0	0	0	0	0	12,201	0	0	0	0
26 American Hlth Fdn, Inc	11,504	0	0	0	0	0	0	11,504	0	0	0	0
27 Med Rsch Fdn Oregon	11,173	0	0	0	0	0	0	11,173	0	0	0	0
28 Natl Biomedical Rsch Fdn	11,119	0	0	10,000	0	0	0	1,119	0	0	0	0
29 Urban Institute	11,107	0	0	0	0	0	59	8,262	0	0	49	2,737
30 Environmental Rsch Inst	10,817	0	0	8,276	0	0	600	410	20	1,511	0	0
Total 1st 30 institutions	1,357,541	660	0	817,034	0	16,563	38,515	384,067	20	25,603	63,147	11,932
31 Worcester Fdn Exper Bio	9,497	0	0	671	0	161	0	8,615	0	0	50	0
32 Ctr Blood Research	8,991	0	0	0	0	0	0	8,991	0	0	0	0
33 Am Inst Biological Sci	8,983	8	193	6,465	0	74	0	0	0	2,243	0	0
34 Microelectronics Ctr	8,822	0	0	3,827	0	0	2,495	0	0	0	2,500	0
35 Beckman Research Inst	8,438	200	0	0	0	0	0	8,049	0	0	189	0
36 Mayo Foundation	8,434	0	0	7,540	0	0	0	374	0	44	476	0
37 Tech Education Rsch Ctr	8,265	0	0	0	0	0	0	0	0	0	8,265	0
38 U TN Calspn Aero Rsch	8,214	0	0	0	0	0	0	0	0	8,214	0	0
39 Natl Bureau Econ Rsch Inc	8,113	0	0	0	0	0	0	3,387	0	0	4,726	0
40 Oregon Research Inst	7,837	0	0	0	0	0	0	7,749	0	0	88	0
Total 1st 40 institutions	1,443,135	868	193	835,537	0	16,798	41,010	421,232	20	36,104	79,441	11,932
41 Inst for Cancer Research	7,741	0	0	0	0	0	0	7,564	0	0	177	0
42 St Lukes Inst for Health	7,305	0	0	0	0	0	0	7,305	0	0	0	0
43 Syracuse Research Corp	7,252	0	0	4,650	0	0	2,527	0	0	0	75	0
44 Ohio Aerospace Institute	6,455	0	0	514	0	0	0	0	0	5,941	0	0
45 Schepens Eye Rsch Inst	6,335	0	0	0	0	0	0	6,335	0	0	0	0
46 Boston Biomedical Rsch	6,172	0	0	0	0	0	0	6,172	0	0	0	0
47 Pacific Inst Rsch&Eval MD	6,065	0	0	0	0	0	0	6,065	0	0	0	0
48 Earth Conservancy	5,942	0	0	5,942	0	0	0	0	0	0	0	0
49 Forsyth Dental Center	5,878	0	0	0	0	0	0	5,878	0	0	0	0
50 Oklahoma Med Rsch Fdn	5,863	0	0	0	0	0	0	5,783	0	0	80	0
Total 1st 50 institutions	1,508,143	868	193	846,643	0	16,798	43,537	466,334	20	42,045	79,773	11,932

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Child Hosp Natl Med Ctr	5,794	0	0	0	0	0	0	5,794	0	0	0	0
52 Education Development Ctr	5,594	0	0	0	0	0	0	1,317	0	0	4,277	0
53 Kuakini Med Rsch Inst	5,477	0	0	0	0	0	0	5,477	0	0	0	0
54 CA Public Hlth Foundation	5,413	0	0	149	0	368	105	4,791	0	0	0	0
55 Public Health Res Inst	5,390	0	0	0	0	0	0	5,275	0	0	115	0
56 Edison Weld Inst	5,220	0	0	5,220	0	0	0	0	0	0	0	0
57 Natl Opinion Research Ctr	4,874	0	0	23	0	0	0	2,377	0	0	2,416	58
58 Western Research Inst	4,822	0	0	0	0	4,805	0	0	0	0	0	17
59 EK Shriver Ctr Mental	4,753	0	0	0	0	227	0	4,456	0	0	70	0
60 Corp Natl Rsch Initiative	4,662	0	0	3,596	0	0	0	0	0	0	1,066	0
Total 1st 60 institutions	1,560,142	868	193	855,631	0	22,198	43,642	495,821	20	42,045	87,717	12,007
61 Oceanic Institute	4,575	4,575	0	0	0	0	0	0	0	0	0	0
62 Oregon Socl Learning Ctr	4,269	0	0	0	0	0	0	4,269	0	0	0	0
63 U City Science Center	4,233	0	0	0	0	2,532	0	1,701	0	0	0	0
64 Friends Med Sci Rsch Ctr	4,182	0	0	0	0	0	0	4,182	0	0	0	0
65 Lovelace Fdn for Med Ed	4,138	0	0	0	0	241	0	3,767	0	85	45	0
66 U Corp for Atmosph Rsch	4,012	0	40	0	0	0	0	0	0	3,972	0	0
67 Riverside Research Inst	3,964	0	0	2,348	0	0	0	1,616	0	0	0	0
68 Monell Chem Senses Ctr	3,932	122	0	0	0	0	0	3,775	0	0	35	0
69 Seti Institute	3,902	0	0	0	0	0	0	0	0	3,902	0	0
70 Manpower Demon Rsch Corp	3,875	0	0	0	0	0	0	3,525	0	0	0	350
Total 1st 70 institutions	1,601,224	5,565	233	857,979	0	24,971	43,642	518,656	20	50,004	87,797	12,357
71 Smith Kittwell Eye Rsch	3,762	0	0	161	1,050	0	0	2,551	0	0	0	0
72 E Roosevelt Inst Cancer	3,635	0	0	0	0	275	0	3,360	0	0	0	0
73 Texas Eng Expmt Station	3,267	0	0	0	0	346	0	0	0	0	2,921	0
74 Coriell Inst for Med Rsch	3,154	0	0	0	0	0	0	3,154	0	0	0	0
75 Math Sciences Rsch Inst	3,145	0	0	15	0	10	0	0	0	0	3,120	0
76 Ctr Molecular Med & Immun	3,139	0	0	0	0	0	0	3,139	0	0	0	0
77 Minneapolis Med Rsch Fdn	3,080	0	0	0	0	0	0	3,080	0	0	0	0
78 Bartol Research Institute	3,042	0	0	0	0	366	0	0	0	1,404	1,272	0
79 Haskins Laboratories, Inc	3,029	0	0	0	0	0	0	2,889	0	0	140	0
80 VA Mason Fdn Med Ed&Rsch	3,022	0	0	0	0	0	0	3,022	0	0	0	0
Total 1st 80 institutions	1,633,499	5,565	233	858,155	1,050	25,968	43,642	539,851	20	51,408	95,250	12,357
81 Health Effects Institute	3,000	0	0	0	0	0	3,000	0	0	0	0	0
82 Weis Center for Research	2,769	0	0	0	0	0	0	2,769	0	0	0	0
83 Alcohol Research Inst	2,754	0	0	0	0	0	0	2,754	0	0	0	0
84 Mediantic Health Care Grp	2,575	0	0	0	249	0	0	2,326	0	0	0	0
85 Allegheny Singer Rsch	2,505	0	0	0	0	0	0	2,505	0	0	0	0
86 Human Resources Rsch Org	2,499	0	0	2,499	0	0	0	0	0	0	0	0
87 Frontier Sci & Tech Rsch	2,437	0	0	0	0	0	0	2,437	0	0	0	0
88 W Alton Jones Cell Sci	2,338	0	0	0	0	0	0	2,338	0	0	0	0
89 Kennedy Rsch Inst Inc	2,281	0	0	0	0	0	1,585	696	0	0	0	0
90 Hektoen Inst Med Rsch	2,107	0	0	0	0	0	0	2,107	0	0	0	0
Total 1st 90 institutions	1,658,764	5,565	233	860,654	1,299	25,968	48,227	557,783	20	51,408	95,250	12,357
91 B Thompson Inst Plant	2,059	374	0	0	0	0	407	321	0	0	957	0
92 Woods Hole Research Ctr	1,959	0	0	0	0	693	150	0	0	839	277	0
93 D Guthrie Fdn Med Rsch	1,928	0	0	1,759	0	0	0	169	0	0	0	0
94 Hauptman-Woodwrd Med Rsch	1,894	0	0	0	0	0	0	1,802	0	0	92	0
95 Los Amigos Rsch & Ed	1,890	0	0	0	1,890	0	0	0	0	0	0	0
96 Kestrel Institute	1,882	0	0	1,882	0	0	0	0	0	0	0	0
97 Childrens TV Workshop	1,873	0	0	0	0	0	0	0	0	0	1,873	0
98 CA Inst of Bio Research	1,751	0	0	0	0	0	0	1,751	0	0	0	0
99 Medical Biology Institute	1,749	0	0	0	0	0	0	1,749	0	0	0	0
100 Amb Sentinel Pract Ntwrk	1,734	0	0	0	0	0	0	1,734	0	0	0	0
Total 1st 100 institutions	1,677,483	5,939	233	864,295	3,189	26,661	48,784	565,309	20	52,247	98,449	12,357

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Palo Alto Med Rsch Fdn	1,690	0	0	0	0	0	0	1,690	0	0	0	0
102 Franklin Inst	1,673	0	0	0	0	0	0	0	0	0	1,673	0
103 Gulf Coast Rsch Lab	1,651	788	0	0	0	0	863	0	0	0	0	0
104 Resources for the Future	1,644	0	0	0	0	60	1,474	0	0	110	0	0
105 Scientific Analysis Corp	1,634	0	0	0	0	0	0	1,634	0	0	0	0
106 Trudeau Institute Inc	1,595	0	0	0	0	0	0	1,595	0	0	0	0
107 Air Conditioning & Refrig	1,590	0	0	0	0	1,590	0	0	0	0	0	0
108 Palisades Geophysical Ins	1,536	0	0	1,536	0	0	0	0	0	0	0	0
109 Industrial Tech Institute	1,528	0	1,478	50	0	0	0	0	0	0	0	0
110 Ctr Hlth Policy Rsch	1,438	0	0	0	0	0	0	1,438	0	0	0	0
Total 1st 110 institutions	1,693,462	6,727	1,711	865,881	3,189	28,311	51,121	571,666	20	52,357	100,122	12,357
111 Inst for Technology Dev	1,435	185	0	0	0	0	0	0	0	1,250	0	0
112 Lowell Observatory	1,432	0	0	290	0	0	0	0	0	932	210	0
113 Nature Conservancy	1,426	83	0	300	0	0	356	0	683	0	4	0
114 Astrophysical Rsch Cnsrtm	1,397	0	0	297	0	0	0	0	0	0	1,100	0
115 Sante Fe Institute	1,348	0	0	323	0	345	0	0	0	28	652	0
116 Am Registry Pathology	1,343	0	0	1,343	0	0	0	0	0	0	0	0
117 NJ Marine Science Cnsrtm	1,339	0	1,339	0	0	0	0	0	0	0	0	0
118 MCAT Institute	1,329	0	0	0	0	0	0	0	0	1,329	0	0
119 N E Radio Observatory Ctr	1,270	0	0	0	0	0	0	0	0	0	1,270	0
120 Pacific NW Research Fdn	1,234	0	0	404	0	0	0	830	0	0	0	0
Total 1st 120 institutions	1,707,015	6,995	3,050	868,838	3,189	28,656	51,477	572,496	703	55,896	103,358	12,357
121 Inst Global Environment	1,192	0	25	0	0	100	0	0	0	0	1,067	0
122 Huntington Med Rsch Insts	1,181	0	0	0	0	0	0	1,081	0	100	0	0
123 Agouron Institute	1,156	0	0	151	0	121	0	765	0	0	119	0
124 Skidaway Inst Oceanog	1,138	0	0	19	0	397	494	0	0	0	228	0
125 Health Research, inc	1,134	0	0	413	0	185	107	0	0	0	429	0
126 Inst for Rsch on Learning	1,127	0	0	0	0	0	0	0	0	0	1,127	0
127 Lankenau Med Rsch Center	1,078	0	0	0	0	0	0	1,078	0	0	0	0
128 Institute Aerobics Rsch	1,077	0	0	0	0	0	0	1,077	0	0	0	0
129 Marine Biological Lab	1,075	14	0	65	0	315	369	0	0	312	0	0
130 Natl Conf St Legis Leader	1,034	0	0	0	0	0	1,034	0	0	0	0	0
Total 1st 130 institutions	1,718,207	7,009	3,075	869,486	3,189	29,774	53,481	576,497	703	56,308	106,328	12,357
131 ME Medical Assessment Fdn	1,021	0	0	0	0	0	0	1,021	0	0	0	0
132 Northeastern Rsch Fdn	1,009	0	0	211	0	0	82	0	0	256	460	0
133 Pacific Intl Ctr Hi Tech	1,009	0	0	0	0	1,009	0	0	0	0	0	0
134 Am Inst Rsch Pittsburgh	1,002	0	0	111	0	0	0	891	0	0	0	0
135 Berkshire Medical Ctr	1,000	0	0	0	0	0	0	1,000	0	0	0	0
136 WV Research Corp	993	0	0	0	0	0	0	993	0	0	0	0
137 Ctr Adv Study Behav Sci	950	0	0	0	0	0	0	0	0	0	950	0
138 Molecular Research Inst	910	0	0	0	0	0	0	810	0	0	100	0
139 Salt Lake Clinic Rsch Fdn	882	0	0	0	0	0	0	882	0	0	0	0
140 Ctr Hlth Economic Rsch	835	0	0	0	0	0	0	835	0	0	0	0
Total 1st 140 institutions	1,727,818	7,009	3,075	869,808	3,189	30,783	53,563	582,929	703	56,564	107,838	12,357
141 Coneg Policy Rsch Ctr	808	0	0	0	0	759	49	0	0	0	0	0
142 Biomembrane Institute	805	0	0	0	0	0	0	805	0	0	0	0
143 Eloret Institute	785	0	0	0	0	0	0	0	0	785	0	0
144 Southeastern U Rsch Assc	774	0	0	0	0	0	0	0	0	33	741	0
145 James N Gamble Inst Med	770	0	0	0	0	0	0	770	0	0	0	0
146 Western Aerospace Labs	765	0	0	0	0	0	0	0	0	765	0	0
147 Michigan Cancer Fdn	762	0	0	757	0	0	0	0	0	0	5	0
148 Rehab Inst of Chicago	730	0	0	0	730	0	0	0	0	0	0	0
149 AMC Cancer Rsch Ctr	726	0	0	726	0	0	0	0	0	0	0	0
150 Seattle Research Center	719	0	0	0	0	0	0	719	0	0	0	0
Total 1st 150 institutions	1,735,462	7,009	3,075	871,291	3,919	31,542	53,612	585,223	703	58,147	108,584	12,357

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Eeg Systems Lab	712	0	0	292	0	0	0	420	0	0	0	0
152 Am Med Review Rsch Ctr	691	0	0	0	0	0	0	691	0	0	0	0
153 Miami Valley Rsch Inst	690	0	0	690	0	0	0	0	0	0	0	0
154 Carnegie Inst Pittsburgh	665	0	0	0	0	0	0	0	0	0	665	0
155 Internatl Life Sci Inst	657	0	0	0	0	0	657	0	0	0	0	0
156 Public Health Fdn Entrprs	650	0	0	0	0	0	0	570	0	0	80	0
157 Tampa Bay Rsch Inst Tech	639	130	0	0	0	0	0	509	0	0	0	0
158 Far W Labs Ed Rsch & Dev	634	0	0	0	0	0	0	0	0	0	634	0
159 Southwest Fdn Biomed Rsch	609	0	0	299	0	0	0	0	0	220	90	0
160 East West Center	600	0	0	0	0	265	335	0	0	0	0	0
Total 1st 160 institutions	1,742,009	7,139	3,075	872,572	3,919	31,807	54,604	587,413	703	58,367	110,053	12,357
161 Florida Solar Energy Ctr	597	0	0	0	0	597	0	0	0	0	0	0
162 Marshfield Med Rsch Fdn	567	0	0	0	0	0	0	567	0	0	0	0
163 Natl Inst Statistical Sci	565	0	0	0	0	0	565	0	0	0	0	0
164 House Ear Institute	563	0	0	0	0	0	0	563	0	0	0	0
165 Miami Heart Institute	560	0	0	0	0	0	0	560	0	0	0	0
166 Inst Ed Leadership	510	0	0	0	0	0	0	0	0	0	0	510
167 Staub Pacific Hlth Fdn	500	0	0	0	0	0	0	500	0	0	0	0
168 Am Inst Aeronautic Astro	491	0	0	0	0	0	0	0	0	491	0	0
169 Family Health Intl	476	0	0	0	0	0	0	476	0	0	0	0
170 Masonic Medical Rsch Lab	463	0	0	0	0	0	0	463	0	0	0	0
Total 1st 170 institutions	1,747,301	7,139	3,075	872,572	3,919	32,404	55,169	590,542	703	58,858	110,053	12,867
171 MA Health Research Inst	449	0	0	0	0	0	0	449	0	0	0	0
172 Sun Health Rsch Inst	439	0	0	0	0	0	0	439	0	0	0	0
173 Ctr Hzrds Materials Rsch	438	0	0	0	0	0	438	0	0	0	0	0
174 Ctr Health Studies	424	0	0	0	0	0	0	424	0	0	0	0
175 Brookings Institution	411	0	0	0	0	0	205	106	0	0	75	25
176 American Welding Inst	397	0	0	397	0	0	0	0	0	0	0	0
177 Herditary Disease Fdn	389	0	0	0	0	0	0	389	0	0	0	0
178 Ctr Hlth Policy Studies	385	0	0	0	0	0	0	385	0	0	0	0
179 Mount Desert Isld Bio Lab	385	0	0	0	0	0	0	335	0	0	50	0
180 Intl Computer Sci Inst	380	0	0	231	0	69	0	0	0	0	80	0
Total 1st 180 institutions	1,751,398	7,139	3,075	873,200	3,919	32,473	55,812	593,069	703	58,858	110,258	12,892
181 United States Conf Mayors	365	0	0	0	0	0	365	0	0	0	0	0
182 Rocky Mountain Bio Lab	353	0	0	0	0	0	0	0	0	0	353	0
183 S Juan Capstrno Rsch Inst	340	0	0	0	0	0	0	0	0	340	0	0
184 Hipple Cancer Rsch Ctr	331	0	0	0	0	0	0	331	0	0	0	0
185 American Planning Assc	330	0	0	0	0	0	50	0	0	0	0	280
186 Calspan U Buffalo Rsch	311	0	0	0	0	0	0	0	0	311	0	0
187 Buffalo Soc Natural Sci	304	0	0	0	0	0	0	0	0	0	304	0
188 Applied Technology Cncl	298	0	0	0	0	0	0	0	298	0	0	0
189 Infcts Disease Rsch Inst	290	0	0	0	0	0	0	290	0	0	0	0
190 Yale Southern Observatory	281	0	0	0	0	0	0	0	0	0	281	0
Total 1st 190 institutions	1,754,601	7,139	3,075	873,200	3,919	32,473	56,227	593,690	1,001	59,509	111,196	13,172
191 Southwest Regional Ed Lab	249	0	0	0	249	0	0	0	0	0	0	0
192 Telemedicine Rsch Ctr	246	0	0	0	0	0	0	246	0	0	0	0
193 Transnatl Family Rsch CA	241	0	0	0	0	0	0	241	0	0	0	0
194 Philadelphia Psychiatric	239	0	0	0	0	0	0	239	0	0	0	0
195 Southern State Energy	226	0	0	0	0	226	0	0	0	0	0	0
196 Space Physics Rsch Inst	221	0	0	0	0	0	0	0	0	221	0	0
197 Earthquake Eng Rsch Inst	214	0	0	0	0	0	0	0	30	0	184	0
198 Bermuda Bio Station Rsch	205	0	0	0	0	0	0	0	0	205	0	0
199 Assoc Analytical Chemists	204	0	0	0	0	0	0	204	0	0	0	0
200 Cancer Rsch Center	204	0	0	0	0	0	129	75	0	0	0	0
Total 1st 200 institutions	1,756,850	7,139	3,075	873,200	4,168	32,699	56,356	594,695	1,031	59,935	111,380	13,172

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Inst for Sci Rsch Inc	202	0	0	0	0	0	0	0	0	142	60	0
202 Inst Adv Manufactrng Sci	200	0	200	0	0	0	0	0	0	0	0	0
203 Linfield Research Inst	200	0	0	200	0	0	0	0	0	0	0	0
204 Unison Institute	199	0	0	0	0	0	0	0	0	0	0	199
205 Natl Public Svc Rsch Inst	188	0	0	0	0	0	0	188	0	0	0	0
206 Utah Research Institute	187	0	0	0	0	0	0	0	0	0	187	0
207 Monterey Bay Aquarm Rsch	186	0	40	146	0	0	0	0	0	0	0	0
208 Sansum Medical Rsch Fdn	186	0	0	0	0	0	0	186	0	0	0	0
209 Inst Rsch Social Problem	182	0	0	0	0	0	0	182	0	0	0	0
210 Natl Bureau of Econ Rsch	170	0	0	0	0	0	0	170	0	0	0	0
Total 1st 210 institutions	1,758,750	7,139	3,315	873,546	4,168	32,699	56,356	595,421	1,031	60,077	111,627	13,371
211 Am Geological Institute	163	0	0	0	0	113	0	0	0	0	50	0
212 Inst Medical Research	162	0	0	0	0	0	0	162	0	0	0	0
213 Fox Chase Cancer Center	160	0	0	0	0	0	0	0	0	0	160	0
214 Texas Heart Institute	160	0	0	0	0	0	0	160	0	0	0	0
215 Linus Pauling Institute	145	0	0	0	0	145	0	0	0	0	0	0
216 Public Hlth Rsch Inst	145	0	0	0	0	0	0	145	0	0	0	0
217 Seattle Biomed Rsch Inst	145	0	0	0	0	0	0	0	0	0	145	0
218 Public Technology, Inc	143	0	0	0	0	0	143	0	0	0	0	0
219 Ed Commission/States	142	0	0	0	0	0	0	0	0	0	142	0
220 National Water Rsch Inst	142	0	0	0	0	0	100	0	42	0	0	0
Total 1st 220 institutions	1,760,257	7,139	3,315	873,546	4,168	32,957	56,599	595,888	1,073	60,077	112,124	13,371
221 Biomechanics Inst Inc	141	0	0	0	0	0	0	141	0	0	0	0
222 Sport Fishing Institute	127	0	0	0	0	0	0	0	127	0	0	0
223 Transnatl Family Rsch MD	127	0	0	0	0	0	0	127	0	0	0	0
224 Factory Mutual Research	124	0	124	0	0	0	0	0	0	0	0	0
225 Baylor Research Institute	121	0	0	0	0	0	0	0	0	0	0	121
226 Child Trends, Inc	121	0	0	0	0	0	0	121	0	0	0	0
227 Palo Alto Inst Molec Med	115	0	0	0	0	115	0	0	0	0	0	0
228 Hudson Institute	114	0	0	114	0	0	0	0	0	0	0	0
229 Eye Research Institute	108	0	0	0	0	108	0	0	0	0	0	0
230 Point Reyes Bird Observ	107	73	0	0	0	0	0	0	0	0	34	0
Total 1st 230 institutions	1,761,462	7,212	3,439	873,660	4,168	33,180	56,599	596,277	1,200	60,077	112,158	13,492
231 Ctr American Archeology	103	0	0	0	0	0	0	0	0	0	103	0
232 Research & Education Inst	102	0	0	0	0	0	0	102	0	0	0	0
233 Center Marine Converv	100	0	0	0	0	0	100	0	0	0	0	0
234 Rodale Institute	94	94	0	0	0	0	0	0	0	0	0	0
235 Space Studies Institute	93	0	0	0	0	0	0	0	0	93	0	0
236 Northern CA Inst Rsch&Ed	77	0	0	77	0	0	0	0	0	0	0	0
237 Systems for Envir Mgt	71	71	0	0	0	0	0	0	0	0	0	0
238 Parkinson Institute	70	0	0	0	0	0	0	0	0	70	0	0
239 Inst Expermntl Psychiatry	65	0	0	0	0	0	0	0	0	65	0	0
240 Maria Mitchell Observ	60	0	0	0	0	0	0	0	0	0	60	0
Total 1st 240 institutions	1,762,297	7,377	3,439	873,737	4,168	33,180	56,699	596,379	1,200	60,305	112,321	13,492
241 Hubbs Sea World Rsch Inst	56	0	0	56	0	0	0	0	0	0	0	0
242 Oak Ridge Research Inst	54	0	0	0	0	54	0	0	0	0	0	0
243 Zetetic Institute	53	0	0	0	0	0	0	0	0	0	53	0
244 Aspen Center for Physics	50	0	0	5	0	6	0	0	0	39	0	0
245 Regenstrief Institute	50	0	0	0	0	0	0	50	0	0	0	0
246 Textile Research Inst	48	0	48	0	0	0	0	0	0	0	0	0
247 Lawrence Frankel Fdn	30	0	0	0	0	0	0	30	0	0	0	0
248 W Biomedical Rsch Inst	30	0	0	0	0	0	0	0	0	30	0	0
249 Soc Industrial App M	28	0	0	0	0	28	0	0	0	0	0	0
250 Willamette Inst Bio Cntrl	20	20	0	0	0	0	0	0	0	0	0	0
Total 1st 250 institutions	1,762,716	7,397	3,487	873,798	4,168	33,268	56,699	596,459	1,200	60,374	112,374	13,492

See explanatory information, if any, and SOURCE at end of table.

Table B-29. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Agricultural Rsch Inst	12	12	0	0	0	0	0	0	0	0	0	0
252 Botanical Rsch Inst TX	12	0	0	0	0	0	0	0	0	0	12	0
253 Maine Geological Survey	12	0	0	0	0	0	0	0	12	0	0	0
254 Combustion Institute	10	0	0	10	0	0	0	0	0	0	0	0
255 Gulf South Research Inst	9	0	0	0	0	0	9	0	0	0	0	0
256 Siam Inst Math & Society	9	0	0	9	0	0	0	0	0	0	0	0
257 Michigan Public Hlth Inst	8	0	0	0	0	0	0	8	0	0	0	0
258 W E UpJohn Inst Empl Rsch	4	0	0	0	0	0	0	0	0	0	4	0
259 Rainforest Alliance	2	0	0	0	0	0	0	0	2	0	0	0
Total 1st 259 institutions	1,762,794	7,409	3,487	873,817	4,168	33,268	56,708	596,467	1,214	60,374	112,390	13,492

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	744,979	565	0	15,875	3,989	1,986	981	718,205	0	1,821	1,557	0
1 MA General Hospital	104,162	155	0	6,787	0	435	0	96,133	0	0	652	0
2 Brigham and Womens Hosp	98,234	0	0	548	0	11	466	96,894	0	238	77	0
3 Scripps Clinic & Rsch Fdn	82,915	100	0	1,377	0	279	0	80,557	0	602	0	0
4 Sidney Farber Cancer Inst	54,502	0	0	51	0	0	0	54,451	0	0	0	0
5 Child Hosp (Boston, MA)	38,954	0	0	10	620	0	0	37,995	0	265	64	0
6 New Eng Med Ctr & Hosp	25,303	0	0	143	0	631	0	24,529	0	0	0	0
7 Beth Isrl Hosp (Bstn MA)	24,964	179	0	0	0	0	0	24,725	0	60	0	0
8 Cleveland Clinic Fdn	21,285	0	0	297	0	0	0	20,988	0	0	0	0
9 St Jude Child Rsch Hosp	19,951	0	0	0	0	0	0	19,951	0	0	0	0
10 Child Hosp Phila	19,916	0	0	0	0	0	0	19,916	0	0	0	0
Total 1st 10 institutions	490,186	434	0	9,213	620	1,356	466	476,139	0	1,165	793	0
11 Rush Presbyterian St Luke	14,433	0	0	110	0	0	115	14,158	0	0	50	0
12 Montefiore Hosp & Med Ctr	13,054	0	0	0	0	0	0	12,989	0	0	65	0
13 Child Hosp Pittsburgh	12,800	0	0	4,943	0	5	0	7,852	0	0	0	0
14 New Eng Deaconess Hosp	12,673	0	0	605	0	0	0	11,918	0	150	0	0
15 Henry Ford Hospital	11,717	0	0	0	0	0	0	11,692	0	0	25	0
16 Cedars Sinai Med Ctr	10,888	0	0	0	0	398	0	10,490	0	0	0	0
17 Child Hosp Med Ctr Cincin	10,165	0	0	0	0	0	400	9,765	0	0	0	0
18 McLean Hospital	10,032	0	0	0	0	0	0	10,023	0	0	9	0
19 Jewish Hosp of St Louis	9,227	0	0	0	0	0	0	9,157	0	70	0	0
20 Am Cancer Rsch Ctr & Hosp	8,579	0	0	0	0	0	0	8,579	0	0	0	0
Total 1st 20 institutions	603,754	434	0	14,871	620	1,759	981	582,762	0	1,385	942	0
21 Child Hosp Los Angeles	8,045	0	0	100	0	0	0	7,868	0	0	77	0
22 MA Eye & Ear Infirmary	7,719	0	0	135	0	0	0	7,584	0	0	0	0
23 University Hosp (Bstn MA)	7,410	0	0	0	0	0	0	7,410	0	0	0	0
24 Child Orthopedic Hospital	6,015	131	0	98	0	0	0	5,786	0	0	0	0
25 Presbyterian Hosp in NY	5,192	0	0	0	0	0	0	5,192	0	0	0	0
26 Rhode Island Hospital	5,131	0	0	0	0	0	0	5,131	0	0	0	0
27 Long Island Jew Hillside	4,823	0	0	150	0	0	0	4,673	0	0	0	0
28 Hosp for Special Surgery	4,315	0	0	0	0	0	0	4,315	0	0	0	0
29 North Shore U Hospital	4,102	0	0	0	0	0	0	4,102	0	0	0	0
30 Good Samaritan Hosp & Med	4,097	0	0	0	0	0	0	3,685	0	139	273	0
Total 1st 30 institutions	660,603	565	0	15,354	620	1,759	981	638,508	0	1,524	1,292	0
31 Beth Israel Medical Ctr	4,086	0	0	0	0	0	0	4,086	0	0	0	0
32 St Eliz Hosp Boston MA	3,827	0	0	0	0	0	0	3,827	0	0	0	0
33 Scripps Memorial Hospital	3,701	0	0	0	0	0	0	3,701	0	0	0	0
34 St Josephs Hosp & Med Ctr	3,538	0	0	0	0	0	0	3,453	0	0	85	0
35 Miriam Hospital	3,466	0	0	0	0	0	0	3,346	0	120	0	0
36 Child Hosp Columbus	2,794	0	0	0	0	0	0	2,794	0	0	0	0
37 Hebrew Rehab Center	2,752	0	0	0	0	0	0	2,752	0	0	0	0
38 Roger Williams Gen Hosp	2,544	0	0	0	0	0	0	2,544	0	0	0	0
39 Memorial Hosp Pawtucket	2,478	0	0	0	0	0	0	2,478	0	0	0	0
40 Philadelphia Geriatrc Ctr	2,222	0	0	0	0	0	0	2,222	0	0	0	0
Total 1st 40 institutions	692,011	565	0	15,354	620	1,759	981	669,711	0	1,644	1,377	0
41 Child Hosp&Med Ctr N CA	2,221	0	0	0	0	0	0	2,155	0	66	0	0
42 Magee Womens Hosp	2,141	0	0	0	0	0	0	2,141	0	0	0	0
43 Graduate Hospital	1,693	0	0	0	0	0	0	1,693	0	0	0	0
44 Women & Infants Hosp	1,647	0	0	0	0	0	0	1,647	0	0	0	0
45 Inst Rehab & Rsch	1,620	0	0	0	1,620	0	0	0	0	0	0	0
46 Medical Center Delaware	1,417	0	0	0	0	0	0	1,417	0	0	0	0
47 Cath Med Brklyn Queens	1,274	0	0	0	0	0	0	1,274	0	0	0	0
48 St Josephs Hosp (Chic IL)	1,184	0	0	0	0	0	0	1,184	0	0	0	0
49 Craig Hospital	1,164	0	0	0	990	0	0	174	0	0	0	0
50 Butler Hospital	1,049	0	0	0	0	0	0	1,049	0	0	0	0
Total 1st 50 institutions	707,421	565	0	15,354	3,230	1,759	981	682,445	0	1,710	1,377	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Mary Imogene Basset Hosp	1,046	0	0	0	0	0	0	1,046	0	0	0	0
52 Latter Day Saints Hosp	1,018	0	0	0	0	0	0	1,018	0	0	0	0
53 William Beaumont Hospital	941	0	0	0	0	0	0	941	0	0	0	0
54 Moss Rehabilitation Hosp	903	0	0	0	49	0	0	854	0	0	0	0
55 Child Hosp & Health Ctr	860	0	0	0	0	0	0	860	0	0	0	0
56 Mt Sinai Hosp New York	726	0	0	400	0	0	0	326	0	0	0	0
57 Swedish Hospital Med Ctr	702	0	0	0	0	0	0	702	0	0	0	0
58 Carrier Clinic Foundation	700	0	0	0	0	0	0	700	0	0	0	0
59 Hosp Joint Disease Ortho	679	0	0	0	0	0	0	540	0	0	139	0
60 Evanston Hospital	678	0	0	0	0	0	0	678	0	0	0	0
Total 1st 60 institutions	715,674	565	0	15,754	3,279	1,759	981	690,110	0	1,710	1,516	0
61 Carle Foundation Hospital	650	0	0	0	0	0	0	650	0	0	0	0
62 Mt Sinai Hosp Med Ctr WI	624	0	0	0	0	0	0	624	0	0	0	0
63 St Lukes Roosevlt Hosp C	581	0	0	0	0	0	0	581	0	0	0	0
64 St Francis Hosp (Wcht KS)	525	0	0	0	0	0	0	525	0	0	0	0
65 Kaiser Foundation Hosp	506	0	0	0	0	0	0	506	0	0	0	0
66 Burke Rehabilitation Ctr	503	0	0	0	0	0	0	503	0	0	0	0
67 Albert Einstein Med Ctr	498	0	0	50	0	0	0	448	0	0	0	0
68 Child Asthma Rsch Inst	488	0	0	0	0	0	0	488	0	0	0	0
69 Lankenau Hospital	478	0	0	0	0	0	0	478	0	0	0	0
70 St Francis Hosp & Med Ctr	470	0	0	0	0	0	0	470	0	0	0	0
Total 1st 70 institutions	720,997	565	0	15,804	3,279	1,759	981	695,383	0	1,710	1,516	0
71 Penrose Hospital	468	0	0	0	0	0	0	468	0	0	0	0
72 Bronx Lebanon Hosp Ctr	435	0	0	0	0	0	0	435	0	0	0	0
73 Mt Sinai Hosp Cleveland	429	0	0	0	0	0	0	429	0	0	0	0
74 Allegheny General Hosp	409	0	0	0	0	0	0	409	0	0	0	0
75 Maine Medical Center	402	0	0	0	0	0	0	402	0	0	0	0
76 Mt Sinai Hosp Med Ctr FL	400	0	0	0	0	0	0	400	0	0	0	0
77 Carondelet Hlth Svc Inc	388	0	0	0	0	0	0	388	0	0	0	0
78 Cmty Gen Hosp Sullivan	387	0	0	0	0	0	0	387	0	0	0	0
79 Shepard Spinal Center	360	0	0	0	360	0	0	0	0	0	0	0
80 Scott and White Mem Hosp	358	0	0	0	0	0	0	358	0	0	0	0
Total 1st 80 institutions	725,033	565	0	15,804	3,639	1,759	981	699,059	0	1,710	1,516	0
81 Providence Med Ctr Prtlnd	353	0	0	0	0	0	0	353	0	0	0	0
82 Kessler Inst for Rehab	350	0	0	0	350	0	0	0	0	0	0	0
83 St Johns Mercy Med Ctr	333	0	0	0	0	0	0	333	0	0	0	0
84 Miami Valley Hospital	316	0	0	0	0	0	0	316	0	0	0	0
85 Bay State Medical Center	306	0	0	0	0	0	0	306	0	0	0	0
86 San Francisco Gen Hosp	299	0	0	0	0	0	0	299	0	0	0	0
87 Kapiolani Child Med Ctr	297	0	0	0	0	0	0	297	0	0	0	0
88 Butterworth Hospital	279	0	0	0	0	0	0	279	0	0	0	0
89 Hackensack Hospital	265	0	0	0	0	0	0	265	0	0	0	0
90 St Josephs Hosp (Atln GA)	262	0	0	0	0	0	0	262	0	0	0	0
Total 1st 90 institutions	728,093	565	0	15,804	3,989	1,759	981	701,769	0	1,710	1,516	0
91 Montefiore Hospital	254	0	0	0	0	0	0	254	0	0	0	0
92 Intr-Indstry Ec Rsch Fund	247	0	0	0	0	0	0	247	0	0	0	0
93 Wills Eye Hospital	239	0	0	0	0	0	0	239	0	0	0	0
94 Kettering Medical Center	237	0	0	0	0	0	0	237	0	0	0	0
95 Mercy Catholic Med Ctr	234	0	0	0	0	0	0	234	0	0	0	0
96 Johns Hopkins Hospital	230	0	0	0	0	0	0	230	0	0	0	0
97 Winthrop U Hospital	229	0	0	0	0	0	0	229	0	0	0	0
98 Inter Faith Medical Ctr	228	0	0	0	0	0	0	228	0	0	0	0
99 St Marys Hosp (Gd Jct CO)	227	0	0	0	0	227	0	0	0	0	0	0
100 St Lukes Hosp Fargo	223	0	0	0	0	0	0	223	0	0	0	0
Total 1st 100 institutions	730,441	565	0	15,804	3,989	1,986	981	703,890	0	1,710	1,516	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Five Counties Hosp	215	0	0	0	0	0	0	215	0	0	0	0
102 Mercy Hosp (Scranton PA)	213	0	0	0	0	0	0	213	0	0	0	0
103 Methodist Hosp Peoria IL	208	0	0	0	0	0	0	208	0	0	0	0
104 Huron Regional Med Ctr	200	0	0	0	0	0	0	200	0	0	0	0
105 Lower Valley Hosp Assoc	200	0	0	0	0	0	0	200	0	0	0	0
106 St Joseph Hosp (Eurka CA)	200	0	0	0	0	0	0	200	0	0	0	0
107 Bapt Med Ctr (KS Cty MO)	196	0	0	0	0	0	0	196	0	0	0	0
108 Manhattan Eye/Ear/Throat	196	0	0	0	0	0	0	196	0	0	0	0
109 Rutland Regional Med Ctr	164	0	0	0	0	0	0	164	0	0	0	0
110 Sinai Hospital Baltimore	163	0	0	0	0	0	0	163	0	0	0	0
Total 1st 110 institutions	732,396	565	0	15,804	3,989	1,986	981	705,845	0	1,710	1,516	0
111 St Johns Reg Hlth Ctr	155	0	0	0	0	0	0	155	0	0	0	0
112 Ingalls Mem Hospital	144	0	0	0	0	0	0	144	0	0	0	0
113 Childrens Mercy Hosp	125	0	0	0	0	0	0	125	0	0	0	0
114 Sinai Hospital Detroit	118	0	0	0	0	0	0	118	0	0	0	0
115 MT Hosp Rsch & Ed Fdn	115	0	0	0	0	0	0	115	0	0	0	0
116 A I DuPont Inst Nemours	111	0	0	0	0	0	0	0	0	111	0	0
117 Mt Carmel Medical Ctr	111	0	0	0	0	0	0	111	0	0	0	0
118 Elizabethtown Cmty Hosp	110	0	0	0	0	0	0	110	0	0	0	0
119 Good Samaritan Med Ctr	101	0	0	0	0	0	0	101	0	0	0	0
120 Sistersville General Hosp	89	0	0	0	0	0	0	89	0	0	0	0
Total 1st 120 institutions	733,575	565	0	15,804	3,989	1,986	981	706,913	0	1,821	1,516	0
121 Mercy Hospital Pittsburgh	84	0	0	0	0	0	0	84	0	0	0	0
122 Gunnison Valley Hosp	83	0	0	0	0	0	0	83	0	0	0	0
123 Mem Hosp Med Ctr Long Bch	75	0	0	0	0	0	0	75	0	0	0	0
124 City of Hope Medical Ctr	71	0	0	71	0	0	0	0	0	0	0	0
125 Queen of Peace Hospital	68	0	0	0	0	0	0	68	0	0	0	0
126 Methodist Hosp Indnpol IN	67	0	0	0	0	0	0	67	0	0	0	0
127 Gettysburg Medical Ctr	52	0	0	0	0	0	0	52	0	0	0	0
128 Alleghaney Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
129 Allen County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
130 Ashe Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 130 institutions	734,225	565	0	15,875	3,989	1,986	981	707,492	0	1,821	1,516	0
131 Ashley Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
132 Benson Hospital	50	0	0	0	0	0	0	50	0	0	0	0
133 Bertie County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
134 Bonne Terre Hospital	50	0	0	0	0	0	0	50	0	0	0	0
135 Braxton County Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
136 Broadus Hospital	50	0	0	0	0	0	0	50	0	0	0	0
137 Brodstone Mem Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
138 Burnett General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
139 Campbell Co Hosp Dist	50	0	0	0	0	0	0	50	0	0	0	0
140 Carrington Health Center	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 140 institutions	734,725	565	0	15,875	3,989	1,986	981	707,992	0	1,821	1,516	0
141 Castaner General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
142 Central Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
143 Central Peninsula Gen Hos	50	0	0	0	0	0	0	50	0	0	0	0
144 Charlevoix Hospital	50	0	0	0	0	0	0	50	0	0	0	0
145 Churchill Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
146 Cleveland Area Hosp	50	0	0	0	0	0	0	50	0	0	0	0
147 Cmty Hosp (McCook NE)	50	0	0	0	0	0	0	50	0	0	0	0
148 Cmty Hospital (Fairfx MO)	50	0	0	0	0	0	0	50	0	0	0	0
149 Cmty Mem Hosp (S Hill VA)	50	0	0	0	0	0	0	50	0	0	0	0
150 Cmty Mem Hosp (Sumner IA)	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 150 institutions	735,225	565	0	15,875	3,989	1,986	981	708,492	0	1,821	1,516	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Cmty Mem Hosp Oconto Fls	50	0	0	0	0	0	0	50	0	0	0	0
152 Cmty Mem Hosp Winona	50	0	0	0	0	0	0	50	0	0	0	0
153 Cmty Memorial Hosp Sidney	50	0	0	0	0	0	0	50	0	0	0	0
154 Colorado Fayette Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
155 Columbus Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
156 Community Home Health	50	0	0	0	0	0	0	50	0	0	0	0
157 Conway County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
158 Copper Basin Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
159 Coteau Des Prairies Hosp	50	0	0	0	0	0	0	50	0	0	0	0
160 Crawley Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 160 institutions	735,725	565	0	15,875	3,989	1,986	981	708,992	0	1,821	1,516	0
161 Crosbyton Clinic Hosp	50	0	0	0	0	0	0	50	0	0	0	0
162 Cushing Municipal Hosp	50	0	0	0	0	0	0	50	0	0	0	0
163 Custer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
164 Davis County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
165 DeKalb Baptist Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
166 Delaware Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
167 Delta Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
168 Dickenson Co Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
169 Divine Savr Hosp&Nrsg Hm	50	0	0	0	0	0	0	50	0	0	0	0
170 Doctor's Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 170 institutions	736,225	565	0	15,875	3,989	1,986	981	709,492	0	1,821	1,516	0
171 Door Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
172 E Texas Med Ctr Mt Vernon	50	0	0	0	0	0	0	50	0	0	0	0
173 Eagle River Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
174 East Morgan Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
175 Eastland Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
176 Eureka Cmty Bnvlt Hosp	50	0	0	0	0	0	0	50	0	0	0	0
177 Family Health West	50	0	0	0	0	0	0	50	0	0	0	0
178 Franklin Mem Hlth Care	50	0	0	0	0	0	0	50	0	0	0	0
179 Frio Hospital	50	0	0	0	0	0	0	50	0	0	0	0
180 Garfield Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 180 institutions	736,725	565	0	15,875	3,989	1,986	981	709,992	0	1,821	1,516	0
181 Garrett Co Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
182 George County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
183 Gerber Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
184 Good Samaritan Hosp Rugby	50	0	0	0	0	0	0	50	0	0	0	0
185 Graham Hospital Assoc	50	0	0	0	0	0	0	50	0	0	0	0
186 Grande Ronde Hospital	50	0	0	0	0	0	0	50	0	0	0	0
187 Grant Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
188 Griggs County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
189 Gritman Memorial Hospital	50	0	0	0	0	0	0	50	0	0	0	0
190 Grove General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 190 institutions	737,225	565	0	15,875	3,989	1,986	981	710,492	0	1,821	1,516	0
191 Hamltn Co Hosp (Jaspr FL)	50	0	0	0	0	0	0	50	0	0	0	0
192 Harmony Cmty Hosp Assc	50	0	0	0	0	0	0	50	0	0	0	0
193 Harrisburg Med Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
194 Havasu Samaritan Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
195 Hays Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
196 Hendricks Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
197 Hill Country Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
198 Holy Family Hospital	50	0	0	0	0	0	0	50	0	0	0	0
199 Holy Infant Hospital	50	0	0	0	0	0	0	50	0	0	0	0
200 Hood River Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 200 institutions	737,725	565	0	15,875	3,989	1,986	981	710,992	0	1,821	1,516	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Horn Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
202 Illini Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
203 Island Hospital	50	0	0	0	0	0	0	50	0	0	0	0
204 J Fitzgibbon Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
205 Jackson Co Public Hosp	50	0	0	0	0	0	0	50	0	0	0	0
206 James B Haggin Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
207 Jellico Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
208 Jennings Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
209 John & Mary Kirby Hosp	50	0	0	0	0	0	0	50	0	0	0	0
210 Kelsey Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 210 institutions	738,225	565	0	15,875	3,989	1,986	981	711,492	0	1,821	1,516	0
211 Kent&Queen Annes Hosp	50	0	0	0	0	0	0	50	0	0	0	0
212 L Jungman Mem Hospital	50	0	0	0	0	0	0	50	0	0	0	0
213 Lake Area Hospital	50	0	0	0	0	0	0	50	0	0	0	0
214 Lee Co Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
215 Lewis R Pyle Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
216 Linton Hospital	50	0	0	0	0	0	0	50	0	0	0	0
217 Madelia Cmty Hospital	50	0	0	0	0	0	0	50	0	0	[illegible]	0
218 Madison County Mem Hosp	50	0	0	0	0	0	0	50	0	0	[illegible]	0
219 Marcus Daly Mem Hosp	50	0	0	0	0	0	0	50	0	0	[illegible]	0
220 Marcus J Lwrnce Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 220 institutions	738,725	565	0	15,875	3,989	1,986	981	711,992	0	1,821	1,516	0
221 Margaretville Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
222 Marion County Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
223 Mary Hurley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
224 Med Ctr of Calico Rock	50	0	0	0	0	0	0	50	0	0	0	0
225 Mem Hosp Inc (Towanda)	50	0	0	0	0	0	0	50	0	0	0	0
226 Memorial Hosp Iowa Co	50	0	0	0	0	0	0	50	0	0	0	0
227 Mendocino Coast Dist Hosp	50	0	0	0	0	0	0	50	0	0	0	0
228 Merrill Pioneer Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
229 Montgomery Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
230 Montrose Rgn Hosp. Inc	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 230 institutions	739,225	565	0	15,875	3,989	1,986	981	712,492	0	1,821	1,516	0
231 Mount Graham Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
232 Mt Ascutney Hosp&Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
233 N W Medical Ctr	50	0	0	0	0	0	0	50	0	0	0	0
234 New London Hosp Assoc	50	0	0	0	0	0	0	50	0	0	0	0
235 Northeastern VT Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
236 Northwoods Hospital	50	0	0	0	0	0	0	50	0	0	0	0
237 Orange County Hosp	50	0	0	0	0	0	0	50	0	0	0	0
238 Osmond General Hosp	50	0	0	0	0	0	0	50	0	0	0	0
239 Our Lady of the Way Hosp	50	0	0	0	0	0	0	50	0	0	0	0
240 Page Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 240 institutions	739,725	565	0	15,875	3,989	1,986	981	712,992	0	1,821	1,516	0
241 Parkview Reg Hosp	50	0	0	0	0	0	0	50	0	0	0	0
242 Pella Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
243 Perry Co Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
244 Pioneer Memorial Hosp OR	50	0	0	0	0	0	0	50	0	0	0	0
245 Platte Cmty Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
246 Pointe Coupee Gen Hosp	50	0	0	0	0	0	0	50	0	0	0	0
247 Portage View Hospital	50	0	0	0	0	0	0	50	0	0	0	0
248 Prairie Lks Hlth Care Sys	50	0	0	0	0	0	0	50	0	0	0	0
249 Preston Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
250 Punxsutawney Area Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 250 institutions	740,225	565	0	15,875	3,989	1,986	981	713,492	0	1,821	1,516	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 RJ Reynolds-Ptrk Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
252 Reedsburg Area Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
253 Rehobth McKnly Chrst Hosp	50	0	0	0	0	0	0	50	0	0	0	0
254 Reriville Co Hospice	50	0	0	0	0	0	0	50	0	0	0	0
255 Richardton Htlh Ctr Inc	50	0	0	0	0	0	0	50	0	0	0	0
256 Riverwood Hlth Care Ctr	50	0	0	0	0	0	0	50	0	0	0	0
257 Sabetha Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
258 Sacred Heart Hospital	50	0	0	0	0	0	0	50	0	0	0	0
259 Sauk Prairie Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
260 Scheurer Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 260 institutions	740,725	565	0	15,875	3,989	1,986	981	713,992	0	1,821	1,516	0
261 Sea Level Hospital	50	0	0	0	0	0	0	50	0	0	0	0
262 Sioux Ctr Hosp & Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
263 Skiff Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
264 Socorro General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
265 Soldiers Sailors Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
266 South Lyon Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
267 South Peninsula Hosp	50	0	0	0	0	0	0	50	0	0	0	0
268 Southside Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
269 St Bernards Hosp Corp	50	0	0	0	0	0	0	50	0	0	0	0
270 St Elizabeth Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 270 institutions	741,225	565	0	15,875	3,989	1,986	981	714,492	0	1,821	1,516	0
271 St Francis Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
272 St Francs Hosp (Mryvl MO)	50	0	0	0	0	0	0	50	0	0	0	0
273 St Josephs Hosp (Cnrd KS)	50	0	0	0	0	0	0	50	0	0	0	0
274 St Josephs Hosp-Dahlonega	50	0	0	0	0	0	0	50	0	0	0	0
275 St Mary Hosp (Manhtn, KS)	50	0	0	0	0	0	0	50	0	0	0	0
276 St Marys Hosp (Ctnwd ID)	50	0	0	0	0	0	0	50	0	0	0	0
277 St Marys Hosp (Pierre SD)	50	0	0	0	0	0	0	50	0	0	0	0
278 Standish Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
279 Star Valley Hpspital	50	0	0	0	0	0	0	50	0	0	0	0
280 Tawas St Joseph Hosp	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 280 institutions	741,725	565	0	15,875	3,989	1,986	981	714,992	0	1,821	1,516	0
281 Taylor Regional Hosp	50	0	0	0	0	0	0	50	0	0	0	0
282 Teton Medical Center	50	0	0	0	0	0	0	50	0	0	0	0
283 Thomas H Boyd Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
284 Tri County Hospital	50	0	0	0	0	0	0	50	0	0	0	0
285 Tri-Co Mem Hosp (Wthd WI)	50	0	0	0	0	0	0	50	0	0	0	0
286 Troy Community Hospital	50	0	0	0	0	0	0	50	0	0	0	0
287 Tweeten Lutheran Hlth Ctr	50	0	0	0	0	0	0	50	0	0	0	0
288 Twin Lakes Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
289 Upper Court Valley Hosp	50	0	0	0	0	0	0	50	0	0	0	0
290 Valley Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 290 institutions	742,225	565	0	15,875	3,989	1,986	981	715,492	0	1,821	1,516	0
291 Van Buren Co Hosp	50	0	0	0	0	0	0	50	0	0	0	0
292 W Carroll Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
293 W River Reg Med Ctr	50	0	0	0	0	0	0	50	0	0	0	0
294 Waldo Co General Hospital	50	0	0	0	0	0	0	50	0	0	0	0
295 Waseca Area Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
296 Watonwan Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
297 White Mountain Cmty Hosp	50	0	0	0	0	0	0	50	0	0	0	0
298 Wilcox Memorial Hosp	50	0	0	0	0	0	0	50	0	0	0	0
299 Wishek Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
300 Wm Bee Ririe Hospital	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 300 institutions	742,725	565	0	15,875	3,989	1,986	981	715,992	0	1,821	1,516	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 Wm Newton Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
302 Yoakum Cmty Hospital	50	0	0	0	0	0	0	50	0	0	0	0
303 Zumbrota Community Hosp	50	0	0	0	0	0	0	50	0	0	0	0
304 Avalon Med Dvlpt Corp	49	0	0	0	0	0	0	49	0	0	0	0
305 Bullock Co Hosp Nursing	49	0	0	0	0	0	0	49	0	0	0	0
306 Central Valley Med Ctr	49	0	0	0	0	0	0	49	0	0	0	0
307 Copley Hospital	49	0	0	0	0	0	0	49	0	0	0	0
308 Gifford Memorial Hospital	49	0	0	0	0	0	0	49	0	0	0	0
309 Guadalupe County Hospital	49	0	0	0	0	0	0	49	0	0	0	0
310 Oakland Memorial Hosp	49	0	0	0	0	0	0	49	0	0	0	0
Total 1st 310 institutions	743,218	565	0	15,875	3,989	1,986	981	716,485	0	1,821	1,516	0
311 Berea Hosp	48	0	0	0	0	0	0	48	0	0	0	0
312 Colfax General Hosp	48	0	0	0	0	0	0	48	0	0	0	0
313 Espanola Hospital	48	0	0	0	0	0	0	48	0	0	0	0
314 Hly Crs Hosp (Taos NM)	48	0	0	0	0	0	0	48	0	0	0	0
315 Northeastern Rgnl Hosp	48	0	0	0	0	0	0	48	0	0	0	0
316 Sheridan Memorial Hosp	48	0	0	0	0	0	0	48	0	0	0	0
317 Union County Gnrl Hosp	48	0	0	0	0	0	0	48	0	0	0	0
318 Deuel Co Memorial Hosp	47	0	0	0	0	0	0	47	0	0	0	0
319 Ridgecrest Hospital	47	0	0	0	0	0	0	47	0	0	0	0
320 Clara Baron Hospital	46	0	0	0	0	0	0	46	0	0	0	0
Total 1st 320 institutions	743,694	565	0	15,875	3,989	1,986	981	716,961	0	1,821	1,516	0
321 Roosvlt Mem Hosp&Nrsg Hm	46	0	0	0	0	0	0	46	0	0	0	0
322 Chadron Community Hosp	45	0	0	0	0	0	0	45	0	0	0	0
323 Jacobson Mem Hosp	45	0	0	0	0	0	0	45	0	0	0	0
324 Marcum & Wallace Mem Hosp	45	0	0	0	0	0	0	45	0	0	0	0
325 Belle Fouche Hlth Care	44	0	0	0	0	0	0	44	0	0	0	0
326 Gordon Hospital	44	0	0	0	0	0	0	44	0	0	0	0
327 North Valley Hospital	44	0	0	0	0	0	0	44	0	0	0	0
328 Maine Coast Mem Hosp	43	0	0	0	0	0	0	43	0	0	0	0
329 St Michaels Hospital	43	0	0	0	0	0	0	43	0	0	0	0
330 W Frankfrt Untd Mine Hosp	43	0	0	0	0	0	0	43	0	0	0	0
Total 1st 330 institutions	744,136	565	0	15,875	3,989	1,986	981	717,403	0	1,821	1,516	0
331 Arkansas Children's Hosp	41	0	0	0	0	0	0	41	0	0	0	0
332 Emanuel Hospital	41	0	0	0	0	0	0	41	0	0	0	0
333 Shadyside Hospital	41	0	0	0	0	0	0	0	0	0	41	0
334 Sturgis Cmty Hlth Care	40	0	0	0	0	0	0	40	0	0	0	0
335 Divine Providnc Hlth Ctr	39	0	0	0	0	0	0	39	0	0	0	0
336 Speare Mem Hosp Assoc	38	0	0	0	0	0	0	38	0	0	0	0
337 Lake Ozarks Gen Hosp	35	0	0	0	0	0	0	35	0	0	0	0
338 Paul Oliver Memorial Hosp	35	0	0	0	0	0	0	35	0	0	0	0
339 Southern Hills Gen Hosp	34	0	0	0	0	0	0	34	0	0	0	0
340 Cmty Memorial Hosp Lisbon	33	0	0	0	0	0	0	33	0	0	0	0
Total 1st 340 institutions	744,513	565	0	15,875	3,989	1,986	981	717,739	0	1,821	1,557	0
341 Central KS Medical Ctr	32	0	0	0	0	0	0	32	0	0	0	0
342 Monument Valley Hospital	32	0	0	0	0	0	0	32	0	0	0	0
343 St Catherine Hospital	32	0	0	0	0	0	0	32	0	0	0	0
344 Douglas County Mem Hosp	31	0	0	0	0	0	0	31	0	0	0	0
345 Conejos County Hospital	30	0	0	0	0	0	0	30	0	0	0	0
346 Rehabilitation Inst MI	29	0	0	0	0	0	0	29	0	0	0	0
347 Dahl Memorial Hospital	26	0	0	0	0	0	0	26	0	0	0	0
348 Antelope Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
349 Cherry County Hosp	25	0	0	0	0	0	0	25	0	0	0	0
350 Lundberg Memorial Hosp	25	0	0	0	0	0	0	25	0	0	0	0
Total 1st 350 institutions	744,800	565	0	15,875	3,989	1,986	981	718,026	0	1,821	1,557	0

See explanatory information, if any, and SOURCE at end of table.

Table B-30. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Marshall Browning Hosp	25	0	0	0	0	0	0	25	0	0	0	0
352 Niobrara Valley Hosp	25	0	0	0	0	0	0	25	0	0	0	0
353 St Anthnys Hosp (O'Neill)	25	0	0	0	0	0	0	25	0	0	0	0
354 St Benedict Hospital	25	0	0	0	0	0	0	25	0	0	0	0
355 W Holt Memorial Hospital	25	0	0	0	0	0	0	25	0	0	0	0
356 Eureka Springs Hospital	19	0	0	0	0	0	0	19	0	0	0	0
357 Muhlenburg Cmty Hosp	19	0	0	0	0	0	0	19	0	0	0	0
358 Frances Mahon Dcnes Hosp	11	0	0	0	0	0	0	11	0	0	0	0
359 Daniels Memorial Hospital	2	0	0	0	0	0	0	2	0	0	0	0
360 Stillwater Community Hosp	2	0	0	0	0	0	0	2	0	0	0	0
Total 1st 360 institutions	744,978	565	0	15,875	3,989	1,986	981	718,204	0	1,821	1,557	0
361 Phillips County Hospital	1	0	0	0	0	0	0	1	0	0	0	0
Total 1st 361 institutions	744,979	565	0	15,875	3,989	1,986	981	718,205	0	1,821	1,557	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	622,133	6,340	390	111,023	3,285	70,540	58,074	98,737	4,681	134,629	106,272	28,162
1 Natl Academy of Sciences	93,467	150	0	12,712	408	25,247	5,998	4,545	1,170	24,506	11,690	7,041
2 Assc U Rsch & Astronomy	60,227	0	0	100	0	0	0	0	0	60,127	0	0
3 Universities Space Rsch	37,987	0	0	937	0	0	0	0	0	37,050	0	0
4 SC Research Authority	31,324	0	0	31,025	0	299	0	0	0	0	0	0
5 Am Assc Retired Persons	24,948	0	0	0	0	0	24,627	321	0	0	0	0
6 Waste Policy Institute	21,876	0	0	0	0	21,876	0	0	0	0	0	0
7 Focus Hope	20,193	0	0	19,593	0	0	0	0	0	0	0	600
8 Merit Network, Inc	18,108	0	0	0	0	0	0	0	0	0	18,108	0
9 Natl Jewish Ctr Immunolgy	16,368	0	0	0	0	0	0	16,368	0	0	0	0
10 Chabot Obsrvtry & Sci Ctr	12,000	0	0	12,000	0	0	0	0	0	0	0	0
Total 1st 10 institutions	336,498	150	0	76,367	408	47,422	30,625	21,234	1,170	121,683	29,798	7,641
11 Joslin Diabetes Fdn Inc	10,742	0	0	0	0	0	0	10,572	0	0	170	0
12 Am Soc Engineering Ed	10,504	0	0	10,454	0	0	0	0	0	0	50	0
13 Am Col of Radiology	9,084	0	0	0	0	0	0	9,084	0	0	0	0
14 American Iron Steel Inst	9,070	0	0	255	0	8,815	0	0	0	0	0	0
15 Carnegie Inst Washington	8,513	100	0	180	0	866	0	2,119	0	1,419	3,829	0
16 Inc Rsch Insts Seismology	7,310	0	0	0	0	0	0	0	0	0	7,310	0
17 Natl Caucus Ctr Black Age	7,258	0	0	0	0	0	7,008	250	0	0	0	0
18 Assc American Railroads	5,936	0	0	0	0	0	0	0	0	0	0	5,936
19 Jay David Gladstone Fdn	5,456	0	0	0	0	0	0	5,456	0	0	0	0
20 Natl Hemophilia Fdn	5,050	0	0	0	0	0	0	5,050	0	0	0	0
Total 1st 20 institutions	415,421	250	0	87,256	408	57,103	37,633	53,765	1,170	123,102	41,157	13,577
21 Natl Alliance of Bus DC	4,778	0	0	0	0	0	0	0	0	0	0	4,778
22 Am Type Culture Col	4,637	0	0	0	0	0	70	4,567	0	0	0	0
23 Electric Power Research	4,519	0	0	10	0	4,489	20	0	0	0	0	0
24 Assoc Western U Inc	4,206	0	0	0	0	4,206	0	0	0	0	0	0
25 Milwaukee Blood Center	4,187	0	0	0	0	0	0	4,187	0	0	0	0
26 Natl Sci Teachers Assc	4,017	0	0	0	0	0	149	0	76	947	2,845	0
27 Assc Natl Person Mayor	3,816	0	0	0	0	0	3,666	150	0	0	0	0
28 Natl Asian Pac Ctr Aging	3,693	0	0	0	0	0	3,543	150	0	0	0	0
29 Natl Inst Environmtl Rnwl	3,680	0	0	3,680	0	0	0	0	0	0	0	0
30 SE Ctr Elec Eng Ed	3,537	0	0	3,537	0	0	0	0	0	0	0	0
Total 1st 30 institutions	456,491	250	0	94,483	408	65,798	45,081	62,819	1,246	124,049	44,002	18,355
31 Western Cnsrtm Public Hlth	3,447	0	0	0	0	0	118	3,329	0	0	0	0
32 John B Pierce Fdn of CT	3,358	0	0	353	0	0	74	2,839	0	92	0	0
33 Am Assc Advancment Sci	3,045	0	0	0	0	0	239	0	0	0	2,806	0
34 Housing Assist Cncl	3,000	0	0	0	0	0	0	0	0	0	0	3,000
35 Michigan Biotech Inst	2,925	0	0	2,828	0	97	0	0	0	0	0	0
36 University Rsch Fdn	2,840	0	0	2,637	0	0	0	0	0	203	0	0
37 Qualty Ed for Minor Netwk	2,795	0	0	0	0	0	0	0	0	1,306	1,489	0
38 Exploratorium	2,527	0	0	0	0	70	0	0	0	0	2,457	0
39 NY Botanical Garden NY	2,495	2,428	0	58	0	0	0	0	0	0	9	0
40 WGBH Educational Fdn	2,446	0	0	0	125	0	0	0	0	300	2,021	0
Total 1st 40 institutions	485,369	2,678	0	100,359	533	65,965	45,512	68,987	1,246	125,950	52,784	21,355
41 Biol Sci Curriculm Study	2,284	0	0	0	0	198	0	0	0	0	2,086	0
42 Issaquah Grp Hlth & Env	2,219	0	0	0	0	0	0	2,219	0	0	0	0
43 Am Museum of Natl Hist	2,214	50	0	0	0	37	0	0	0	253	1,874	0
44 ME Math & Sci Alliance	2,096	0	0	0	0	0	0	0	0	0	2,096	0
45 Population Council	2,075	0	0	0	0	0	0	2,075	0	0	0	0
46 Montana Teachers of Math	2,000	0	0	0	0	0	0	0	0	0	2,000	0
47 NE Tier Ben Fkln Tech Ctr	2,000	0	0	2,000	0	0	0	0	0	0	0	0
48 American Chemical Society	1,843	2	0	6	0	262	50	0	0	0	1,523	0
49 Mercy Foundation	1,778	0	0	0	0	0	0	1,778	0	0	0	0
50 Doheny Eye Institute	1,754	0	0	0	0	0	0	1,754	0	0	0	0
Total 1st 50 institutions	505,632	2,730	0	102,365	533	66,462	45,562	76,813	1,246	126,203	62,363	21,355

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Am Dental Assc for Hlth	1,721	0	0	0	0	0	0	1,721	0	0	0	0
52 Am Meteorological Soc	1,680	0	0	0	0	15	0	0	0	0	1,665	0
53 Environmental Law Inst	1,675	0	0	0	0	0	1,675	0	0	0	0	0
54 Museum of Science	1,646	0	0	0	0	150	0	0	0	0	1,496	0
55 Acad Natural Sci Phila	1,590	0	0	0	0	24	176	0	42	0	1,348	0
56 NY Botan Gard Inst Ecosys	1,573	27	0	0	0	0	0	0	112	65	1,369	0
57 Ctr Tech Commercializatn	1,522	0	0	0	0	0	0	0	0	1,522	0	0
58 KCTS Television	1,500	0	0	0	0	0	0	0	0	0	1,500	0
59 WV High Tech Cnsrtm	1,500	0	0	0	0	0	0	0	0	1,500	0	0
60 Galaxy Inst for Ed	1,491	0	0	0	0	0	0	0	0	0	1,491	0
Total 1st 60 institutions	521,530	2,757	0	102,365	533	66,651	47,413	78,534	1,400	129,290	71,232	21,355
61 Cnstrm Math & Its Apps	1,488	0	0	0	0	0	0	0	0	0	1,488	0
62 College Board	1,488	0	0	0	0	0	0	0	0	0	1,488	0
63 Cnstrm U Washngtn Metro	1,466	0	0	1,466	0	0	0	0	0	0	0	0
64 Natl Assc Agencies Aging	1,450	0	0	0	0	0	0	1,450	0	0	0	0
65 ME Sci & Tech Fdn	1,425	0	0	0	0	0	0	0	0	0	1,425	0
66 Civil Eng Research Fdn	1,423	0	54	95	0	0	0	0	0	0	0	1,274
67 Environmental Careers Org	1,362	0	98	0	0	0	0	0	1,264	0	0	0
68 Spring & Groundwater Inst	1,302	1,302	0	0	0	0	0	0	0	0	0	0
69 Educational Film Center	1,239	0	0	0	0	0	0	0	0	0	1,239	0
70 Societal Inst of Math Sci	1,211	0	0	0	0	0	290	921	0	0	0	0
Total 1st 70 institutions	535,384	4,059	152	103,926	533	66,651	47,703	80,905	2,664	129,290	76,872	22,629
71 Harbor Branch Ocean Inst	1,192	0	0	30	0	0	0	224	0	0	938	0
72 World Inst Disabil Rsch	1,189	0	0	0	1,187	0	0	0	0	0	0	2
73 Am Astronomical Society	1,161	0	0	0	0	0	0	0	0	261	900	0
74 Natl Council on Aging	1,124	0	0	0	0	0	1,044	80	0	0	0	0
75 Fdn for Advance Sci & Eng	1,098	0	0	0	0	0	0	0	0	0	1,098	0
76 QED Communications	1,092	0	0	0	0	0	0	0	0	0	1,092	0
77 Soc Automotive Engineers	1,061	0	0	40	0	0	0	0	0	0	760	261
78 Natl Marrow Donor Program	1,060	0	0	1,060	0	0	0	0	0	0	0	0
79 National Governors Assc	1,004	0	0	0	0	0	844	100	0	0	0	60
80 Mississippi Resource Dev	1,000	0	0	1,000	0	0	0	0	0	0	0	0
Total 1st 80 institutions	546,365	4,059	152	106,056	1,720	66,651	49,591	81,309	2,664	129,551	81,660	22,952
81 Science Center of CT	988	0	0	0	0	0	0	0	0	0	988	0
82 Natl Assc Home Builders	968	0	0	0	0	0	294	0	0	0	0	674
83 Natl Ctr Res Innovations	966	966	0	0	0	0	0	0	0	0	0	0
84 Natl Actn Cncl Minorities	924	0	0	0	0	0	0	0	0	0	924	0
85 Childrens Museum Boston	910	0	0	0	0	0	0	0	0	0	910	0
86 Missouri Botanical Garden	901	44	0	0	0	0	0	280	0	0	577	0
87 Oregon Museum Sci Indstry	898	0	0	0	0	0	0	0	0	0	898	0
88 Hawaii Sugar Planters	884	884	0	0	0	0	0	0	0	0	0	0
89 Intl City Mgt Assc	879	0	0	0	0	0	879	0	0	0	0	0
90 N E Consrtm Eng Ed	878	0	0	878	0	0	0	0	0	0	0	0
Total 1st 90 institutions	555,561	5,953	152	106,934	1,720	66,651	50,764	81,589	2,664	129,551	85,957	23,626
91 Am Soc Mechanical Eng	876	0	50	656	0	0	0	0	0	0	0	170
92 Group Health Foundation	870	0	0	0	0	0	0	870	0	0	0	0
93 Soundprint Media Ctr	850	0	0	0	0	0	0	0	0	0	850	0
94 Natl Safety Council	837	0	0	0	0	0	837	0	0	0	0	0
95 Puget Sound Blood Center	831	0	0	0	0	0	0	831	0	0	0	0
96 Educational Testing Srvc	827	0	0	164	0	0	0	0	0	0	663	0
97 Network, Inc	817	0	0	0	0	567	0	0	0	0	250	0
98 New York Blood Center	803	0	0	803	0	0	0	0	0	0	0	0
99 Alton Ochsner Med Fdn	801	0	0	0	0	0	0	801	0	0	0	0
100 Natl Assc Minor Contract	800	0	0	0	0	0	800	0	0	0	0	0
Total 1st 100 institutions	563,873	5,953	202	108,557	1,720	67,218	52,401	84,091	2,664	129,551	87,720	23,796

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Pacific Science Ctr Fdn	800	0	0	0	0	0	0	0	0	0	800	0
102 Self Enhancement, Inc	793	0	0	0	0	0	0	793	0	0	0	0
103 Natl Assc St Units Aging	785	0	0	0	0	0	0	785	0	0	0	0
104 Am Indian Sci & Eng Soc	771	0	0	10	0	74	256	0	0	69	362	0
105 World Wildlife Fund US	763	0	0	0	0	0	763	0	0	0	0	0
106 WI Acad Sci Arts & Letter	744	0	0	0	0	0	0	0	0	0	744	0
107 American Tech Initiative	736	0	0	0	0	0	0	0	0	736	0	0
108 CT Bus & Indust Assc	717	0	0	0	0	0	0	0	0	0	717	0
109 Natl Assc of Counties	710	0	0	0	0	0	710	0	0	0	0	0
110 Emma Pendleton Bradley	704	0	0	0	0	0	0	704	0	0	0	0
Total 1st 110 institutions	571,396	5,953	202	108,567	1,720	67,292	54,130	86,373	2,664	130,356	90,343	23,796
111 Kaiser Foundation	702	0	0	0	0	0	0	702	0	0	0	0
112 Please Touch Museum	685	0	0	0	0	0	0	0	0	0	685	0
113 Discovery Place, Inc	683	0	0	0	0	0	0	0	0	0	683	0
114 American Geophysicl Union	662	0	0	0	0	0	0	0	0	20	642	0
115 Am Acad of Pediatrics	659	0	0	0	0	0	0	659	0	0	0	0
116 Discovery Museum	654	0	0	0	0	0	0	0	0	0	654	0
117 Monroe Co Long Term Care	636	0	0	0	0	0	0	636	0	0	0	0
118 Lexington Center, Inc	625	0	0	0	625	0	0	0	0	0	0	0
119 Am Assc Cmty & Jr Col	619	0	0	0	0	0	0	0	0	0	19	600
120 Climate Institute	607	0	0	0	0	0	607	0	0	0	0	0
Total 1st 120 institutions	577,928	5,953	202	108,567	2,345	67,292	54,737	88,370	2,664	130,376	93,026	24,396
121 US Space Foundation	593	0	0	0	0	0	0	0	0	593	0	0
122 Cncl Chief St Schl Offcrs	592	0	0	0	0	0	0	0	0	0	592	0
123 Am Wtr Wrks Assn Rsch Fdn	589	0	0	0	0	0	359	0	230	0	0	0
124 Alliance to Save Energy	573	0	0	0	0	348	225	0	0	0	0	0
125 SE Regional Ed Svc Ctr	562	0	0	0	0	0	0	0	0	0	562	0
126 American Inst Architects	556	0	0	17	0	145	294	100	0	0	0	0
127 Am Assc Physics Teachers	551	0	0	0	0	0	0	0	0	0	551	0
128 Cleveland Adv Manu Prg	548	0	0	548	0	0	0	0	0	0	0	0
129 Field Museum Natural Hist	546	0	0	0	0	0	0	0	0	0	546	0
130 Am Public Welfare Assc	543	0	0	0	0	0	0	543	0	0	0	0
Total 1st 130 institutions	583,581	5,953	202	109,132	2,345	67,785	55,615	89,013	2,894	130,969	95,277	24,396
131 Atlantic St Marine Fisher	537	0	0	0	0	0	0	0	537	0	0	0
132 Inst of Gas Technology	536	0	0	104	0	282	150	0	0	0	0	0
133 National Public Radio	535	0	0	0	0	0	0	0	0	0	535	0
134 Gerontological Soc Am	530	0	0	0	0	0	0	530	0	0	0	0
135 N Am Assoc Environ Ed	524	0	0	0	0	0	0	0	0	0	524	0
136 Am Statistical Assc	519	0	0	0	0	50	0	0	0	0	469	0
137 Am Physiological Society	512	0	0	0	0	0	0	0	0	0	512	0
138 Atlantic Council of US	500	0	0	500	0	0	0	0	0	0	0	0
139 G Meany Ctr Labor Study	500	0	0	0	0	0	0	0	0	0	0	500
140 Natl Am Indian Hsng Cncl	500	0	0	0	0	0	0	0	0	0	0	500
Total 1st 140 institutions	588,774	5,953	202	109,736	2,345	68,117	55,765	89,543	3,431	130,969	97,317	25,396
141 Natl Ctzn Citn Nrsg Hm Rf	500	0	0	0	0	0	0	500	0	0	0	0
142 Natl Ctr Appropriate Tech	487	0	0	0	0	487	0	0	0	0	0	0
143 Fdn for Advance Sci & Ed	485	0	0	0	0	485	0	0	0	0	0	0
144 Quest International	485	0	0	0	0	0	0	485	0	0	0	0
145 American Bar Foundation	442	0	0	0	0	0	0	250	0	0	192	0
146 Paths/Prism	420	0	0	0	0	0	0	0	0	0	420	0
147 Prmry Care Perinatal Svcs	419	0	0	0	0	0	0	419	0	0	0	0
148 Matrix Research Institute	401	0	0	0	401	0	0	0	0	0	0	0
149 Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0	0
150 Ducks Unlimited, Inc	396	0	0	0	0	0	0	0	396	0	0	0
Total 1st 150 institutions	593,209	5,953	202	109,736	2,746	69,089	55,765	91,597	3,827	130,969	97,929	25,396

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Sigma Xi Society	396	0	0	0	0	24	0	0	0	50	322	0
152 MA Audubon Society	385	0	0	0	0	0	0	0	385	0	0	0
153 Zoological Soc San Diego	379	0	0	0	0	0	0	0	0	0	379	0
154 World Resources Institute	378	0	0	0	0	0	293	0	0	85	0	0
155 Somerset Co Bus Ed Partn	377	0	0	0	0	0	0	0	0	0	377	0
156 Am Electronics Assc	376	0	0	0	0	0	0	0	0	0	0	376
157 Ann Arbor Hands On Museum	371	0	0	0	0	0	0	0	0	0	371	0
158 Texas Learning Tech Group	363	0	0	0	0	0	0	0	0	0	363	0
159 Visiting Nurse Svc NY	344	0	0	0	0	0	0	344	0	0	0	0
160 Fed Am Soc Exper Biol	342	15	0	315	0	0	0	0	0	0	12	0
Total 1st 160 institutions	596,920	5,968	202	110,051	2,746	69,113	56,058	91,941	4,212	131,104	99,753	25,772
161 Natl Acad Public Admin	342	0	0	0	0	0	0	0	0	342	0	0
162 Am Assoc St Hwy&Trns Offc	340	0	0	0	0	0	0	0	0	0	0	340
163 Am Soc Testing Materials	325	0	0	0	0	0	249	0	0	0	76	0
164 Air & Waste Mgt Assc	306	0	0	0	0	0	306	0	0	0	0	0
165 MN Environ Sci Fdn Inc	298	0	0	0	0	0	0	0	0	0	298	0
166 Am Inst Chemical Eng	295	0	0	0	0	260	0	0	0	0	35	0
167 U Assoc Rsch & Ed Pathol	293	0	0	0	0	0	0	293	0	0	0	0
168 Am Acad of Arts & Sci	292	0	0	0	0	0	0	0	0	0	292	0
169 Chesapeake Rsch Cnsrtm	290	0	0	0	0	0	0	0	0	0	290	0
170 Ctr Post Soviet Studies	289	0	0	0	0	0	25	0	0	264	0	0
Total 1st 170 institutions	599,990	5,968	202	110,051	2,746	69,373	56,638	92,234	4,212	131,710	100,744	26,112
171 Assoc of Amer Med Cols	287	0	0	0	0	0	0	287	0	0	0	0
172 Natl Council on La Raza	280	0	0	0	0	0	0	0	0	0	280	0
173 Life Science Rsch Fdn	279	0	0	0	0	279	0	0	0	0	0	0
174 Natl Radiatn Protect Meas	273	0	0	84	0	0	125	50	0	14	0	0
175 Lovelace Biomed Environ	266	0	0	20	0	149	97	0	0	0	0	0
176 Natl Assc Equal Oppor Ed	266	0	0	0	0	0	0	0	0	266	0	0
177 TriSt Ed Initiativ Cnstrm	266	0	0	0	0	0	0	0	0	266	0	0
178 Houston Advanced Research	252	15	0	102	0	0	25	0	0	110	0	0
179 Alaska Federation Natives	250	0	0	0	0	0	0	0	0	0	250	0
180 American Society Aging	250	0	0	0	0	0	0	250	0	0	0	0
Total 1st 180 institutions	602,659	5,983	202	110,257	2,746	69,801	56,885	92,821	4,212	132,366	101,274	26,112
181 Ctr Social Gerontology	250	0	0	0	0	0	0	250	0	0	0	0
182 SE Cnstrm Minorities Eng	249	0	0	0	0	0	0	0	0	249	0	0
183 Chicago Children's Museum	245	0	0	0	0	0	0	0	0	0	245	0
184 Black Child & Family Inst	244	0	0	0	0	0	0	0	0	0	244	0
185 Am Educational Rsch Assc	238	0	0	0	0	0	0	0	0	0	238	0
186 NMR Concepts	232	0	0	0	0	0	0	0	0	0	232	0
187 Am Mathematical Society	231	0	0	30	0	10	0	0	0	0	191	0
188 Fdn Health Services Rsch	210	0	0	0	0	0	0	210	0	0	0	0
189 Living at Home	208	0	0	0	0	0	0	208	0	0	0	0
190 All End Child Lead Poison	200	0	0	0	0	0	200	0	0	0	0	0
Total 1st 190 institutions	604,966	5,983	202	110,287	2,746	69,811	57,085	93,489	4,212	132,615	102,424	26,112
191 Am Natl Standards Inst	200	0	0	0	0	0	200	0	0	0	0	0
192 Ctr for Community Change	200	0	0	0	0	0	0	0	0	0	0	200
193 Natl Sr Citizen Law Ctr	200	0	0	0	0	0	0	200	0	0	0	0
194 Rural Enterprises, Inc	200	0	0	0	0	0	0	0	0	200	0	0
195 Universities Rsch Assc	196	0	0	0	0	0	0	0	0	146	50	0
196 ABT Health Care Rsch Fdn	193	0	0	0	0	0	0	193	0	0	0	0
197 Ctr Family in Transition	193	0	0	0	0	0	0	193	0	0	0	0
198 People to People Hlth Fdn	192	0	0	0	0	0	0	192	0	0	0	0
199 Melwood Hort Training Ctr	189	0	0	0	0	0	0	0	0	189	0	0
200 Boston Partners in Ed	184	0	0	0	0	0	0	0	0	0	184	0
Total 1st 200 institutions	606,913	5,983	202	110,287	2,746	69,811	57,285	94,267	4,212	133,150	102,658	26,312

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Hastings Center, The	182	0	0	0	0	0	0	182	0	0	0	0
202 Memorial Cancer Rsch Fdn	182	0	0	0	0	0	0	182	0	0	0	0
203 American Inst Physics	180	0	0	13	0	0	0	0	0	0	167	0
204 Action Boston Cmty Dvlpmt	174	0	0	0	0	0	0	70	0	0	0	104
205 Assc Gerontology Human	173	0	0	0	0	0	0	173	0	0	0	0
206 Aspen Institute	172	0	0	0	0	0	0	122	0	0	0	50
207 Inst Space Sci & Tech	171	0	0	0	0	0	0	0	0	171	0	0
208 Assc Science Tech Ctrs	168	0	0	0	0	0	0	0	0	0	168	0
209 CA Academy of Sciences	168	0	0	0	0	0	0	0	0	0	168	0
210 W PA Sch Blind Children	168	0	0	0	168	0	0	0	0	0	0	0
Total 1st 210 institutions	608,651	5,983	202	110,300	2,914	69,811	57,285	94,996	4,212	133,321	103,161	26,466
211 Natl Hispanic Cncl Aging	165	0	0	0	0	0	0	165	0	0	0	0
212 Gordon Rsch Conferences	158	39	0	61	0	0	0	4	0	23	31	0
213 Am Soc Civil Engineers	154	0	0	0	0	0	5	0	15	0	127	7
214 Chicago Women in Trades	154	0	0	0	0	0	0	0	0	0	0	154
215 Wider Opportunities Women	154	0	0	0	0	0	0	0	0	0	0	154
216 Women Unlimited	153	0	0	0	0	0	0	0	0	0	0	153
217 Inst Study Learning Exper	150	0	0	150	0	0	0	0	0	0	0	0
218 Intst Shellfish Sanitatio	150	0	0	0	0	0	0	150	0	0	0	0
219 Natl Consumer Law Inc	150	0	0	0	0	0	0	150	0	0	0	0
220 Natl Indian Cncl Aging	150	0	0	0	0	0	0	150	0	0	0	0
Total 1st 220 institutions	610,189	6,022	202	110,511	2,914	69,811	57,290	95,615	4,227	133,344	103,319	26,934
221 NC Alternative Enrgy Corp	148	0	0	0	0	0	0	0	0	0	0	148
222 League of Women Voters	146	0	0	0	0	0	146	0	0	0	0	0
223 Windstar Foundation	140	0	0	0	0	0	0	0	0	140	0	0
224 Grp Hlth Coop Puget Sound	139	0	0	0	0	0	0	139	0	0	0	0
225 Aerial Forest Mgt Fdn	137	137	0	0	0	0	0	0	0	0	0	0
226 Am Cncl Learned Societies	135	0	0	0	0	0	0	0	0	0	135	0
227 Washington Bus Group Hlth	135	0	0	0	125	0	0	10	0	0	0	0
228 Discovery Ctr Sci & Tech	134	0	0	0	0	0	0	0	0	0	134	0
229 Natl Cncl Teachers Math	134	0	0	0	0	0	0	0	0	134	0	0
230 Intl Space University	130	0	0	0	0	0	0	0	0	130	0	0
Total 1st 230 institutions	611,567	6,159	202	110,511	3,039	69,811	57,436	95,764	4,227	133,748	103,588	27,082
231 Natl Audobon Society	127	0	0	0	0	0	95	0	32	0	0	0
232 Am Foundation for Blind	125	0	0	0	125	0	0	0	0	0	0	0
233 Development Training Inst	125	0	0	0	0	0	0	0	0	0	0	125
234 Mountain States Group	125	0	0	0	0	0	0	125	0	0	0	0
235 Mt Zion Inst on Aging	125	0	0	0	0	0	0	125	0	0	0	0
236 Public Intrst Ctr on LTC	125	0	0	0	0	0	0	125	0	0	0	0
237 VT Ntwrk Dmst Vio&Sx Aslt	125	0	0	0	0	0	0	125	0	0	0	0
238 Cltn WI Aging Groups Inc	124	0	0	0	0	0	0	124	0	0	0	0
239 Geological Soc of America	123	0	0	0	0	0	0	0	23	0	100	0
240 Museum of Science, Inc	123	0	0	0	0	0	0	0	0	0	123	0
Total 1st 240 institutions	612,814	6,159	202	110,511	3,164	69,811	57,531	96,388	4,282	133,748	103,811	27,207
241 Am Speech Lang&Hearng	121	0	0	0	121	0	0	0	0	0	0	0
242 Tradeswomen Philadelphia	121	0	0	0	0	0	0	0	0	0	0	121
243 Pension Rights Center	120	0	0	0	0	0	0	120	0	0	0	0
244 Natl Com Prvnt Chld Abuse	117	0	0	0	0	0	0	117	0	0	0	0
245 Natl Ctr for Dev of Ed	110	0	0	0	0	0	0	0	0	0	110	0
246 Social Science Rsch Cncl	110	0	0	0	0	0	0	0	0	0	110	0
247 American Counseling Assc	109	0	0	0	0	0	0	0	0	109	0	0
248 Girls Inc (New York, NY)	109	0	0	0	0	0	0	0	0	0	109	0
249 Natl Clrnghse Legal Svcs	108	0	0	0	0	0	0	108	0	0	0	0
250 CA Museum Foundation	107	0	0	0	0	73	0	0	0	0	34	0
Total 1st 250 institutions	613,946	6,159	202	110,511	3,285	69,884	57,531	96,733	4,282	133,857	104,174	27,328

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Am Fisheries Society	106	0	0	0	0	0	0	0	106	0	0	0
252 Women's Center (Blsbg PA)	105	0	0	0	0	0	0	105	0	0	0	0
253 L A City Mus Natr Hist	103	0	0	0	0	0	0	0	0	0	103	0
254 Mortgage Bankers Assc	102	0	0	0	0	0	0	0	0	0	0	102
255 Natl Urban Fellows	102	0	0	0	0	0	0	0	0	0	0	102
256 US Export Cncl Renew Engy	102	0	0	0	0	102	0	0	0	0	0	0
257 Cincnti Inst Career Altrn	100	0	0	0	0	0	0	0	0	0	100	0
258 Edison Materials Tech Ctr	100	0	0	100	0	0	0	0	0	0	0	0
259 Intrnatl Wmn Forum Ldrshp	100	0	0	0	0	0	0	0	0	0	0	100
260 Legal Svcs of Northern CA	100	0	0	0	0	0	0	100	0	0	0	0
Total 1st 260 institutions	614,966	6,159	202	110,611	3,285	69,986	57,531	96,938	4,388	133,857	104,377	27,632
261 Natl Youth Employmnt Cltn	100	0	0	0	0	0	0	0	0	0	0	100
262 Public/Private Ventures	100	0	0	0	0	0	0	100	0	0	0	0
263 Puerto Rico Lgl Svcs, Inc	100	0	0	0	0	0	0	100	0	0	0	0
264 Volntr Ctr Grtr Riverside	100	0	0	0	0	0	0	100	0	0	0	0
265 Welding Research Council	100	0	0	0	0	0	0	0	0	0	0	100
266 Assoc for Women in Sci	98	0	0	0	0	0	0	0	0	0	98	0
267 CA U Rsch Earthquake Eng	98	0	0	0	0	0	0	0	0	0	98	0
268 Ctr for Social&Legal Rsch	97	0	0	0	0	97	0	0	0	0	0	0
269 Fdn Glacier Environ Rsch	97	0	0	0	0	0	0	0	0	0	97	0
270 Pacific Basin Dev Council	94	0	94	0	0	0	0	0	0	0	0	0
Total 1st 270 institutions	615,950	6,159	296	110,611	3,285	70,083	57,531	97,238	4,388	133,857	104,670	27,832
271 Girls Inc Alameda Cty	93	0	0	0	0	0	0	0	0	0	93	0
272 Wmns Res Ctr (Grd Rpd MI)	91	0	0	0	0	0	0	0	0	0	0	91
273 Mental Hlth Law Project	90	0	0	0	0	0	0	90	0	0	0	0
274 Triangle Coaltn Sci&Tech	87	0	0	0	0	50	0	0	0	37	0	0
275 Assc Computing Machinery	86	0	0	0	0	0	0	0	0	0	86	0
276 NM Museum of Natr Hist	85	0	0	0	0	85	0	0	0	0	0	0
277 Ohio Agricultural R&D Ctr	83	83	0	0	0	0	0	0	0	0	0	0
278 Am Soc Mechanical Eng	80	0	0	0	0	0	0	0	0	0	80	0
279 Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	0	80	0	0
280 Natl Cnsrtm Grad Eng Min	79	0	0	0	0	0	0	0	0	79	0	0
Total 1st 280 institutions	616,804	6,242	296	110,611	3,285	70,218	57,531	97,328	4,388	134,053	104,929	27,923
281 YWCA of Greater Memphis	78	0	0	0	0	0	0	0	0	0	0	78
282 Marine Science Cnsrtm	76	0	0	0	0	0	0	0	0	0	76	0
283 Am Sociological Assc	75	0	0	0	0	0	0	0	0	0	75	0
284 Care-A-Van	75	0	0	0	0	0	0	75	0	0	0	0
285 Housing Cnsing Svcs, Inc	75	0	0	0	0	0	0	75	0	0	0	0
286 Legal Assistance Seniors	75	0	0	0	0	0	0	75	0	0	0	0
287 NH Legal Assistance	75	0	0	0	0	0	0	75	0	0	0	0
288 Natl Assc Conservation	75	0	0	0	0	0	75	0	0	0	0	0
289 New Mexico Mesa Inc	75	0	0	0	0	0	0	0	0	75	0	0
290 Salvation Army, A CA Corp	75	0	0	0	0	0	0	75	0	0	0	0
Total 1st 290 institutions	617,558	6,242	296	110,611	3,285	70,218	57,606	97,703	4,388	134,128	105,080	28,001
291 Optical Soc of America	74	0	0	65	0	7	0	0	0	0	2	0
292 Scitech	72	0	0	0	0	72	0	0	0	0	0	0
293 Senior Resources, Inc	71	0	0	0	0	0	0	71	0	0	0	0
294 Ctr Creative Leadership	70	0	0	0	0	0	0	0	0	70	0	0
295 Easter Seal Soc Redwd Cst	70	0	0	0	0	0	0	70	0	0	0	0
296 Easter Seal Soc of Utah	70	0	0	0	0	0	0	70	0	0	0	0
297 Ecological Soc of America	70	0	0	0	0	0	0	0	0	0	70	0
298 Elwyn, Inc	70	0	0	0	0	0	0	70	0	0	0	0
299 Time Dollar Network	70	0	0	0	0	0	0	70	0	0	0	0
300 United Engineering Trusts	70	0	0	35	0	0	35	0	0	0	0	0
Total 1st 300 institutions	618,265	6,242	296	110,711	3,285	70,297	57,641	98,054	4,388	134,198	105,152	28,001

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 Svc Corps Retired Exec	69	0	0	0	0	0	69	0	0	0	0	0
302 Aquatic Resource Ed Cncl	68	0	0	0	0	0	0	0	68	0	0	0
303 Natl Sci Center Fdn	68	0	0	0	0	0	0	0	68	0	0	0
304 Illinois State Museum	67	0	0	0	0	0	0	0	0	0	67	0
305 Keystone Center	67	0	0	25	0	7	0	10	25	0	0	0
306 NY Academy of Science	67	0	0	5	0	0	0	0	0	0	62	0
307 Hispanic Assc Col & U	65	0	0	0	0	65	0	0	0	0	0	0
308 Natl Aquarium Baltimore	65	0	0	0	0	0	15	0	0	0	50	0
309 Natl Fdn for Brain Rsch	65	0	0	0	0	0	0	0	0	65	0	0
310 Materials Research Soc	63	0	0	63	0	0	0	0	0	0	0	0
Total 1st 310 institutions	618,929	6,242	296	110,804	3,285	70,369	57,725	98,064	4,549	134,263	105,331	28,001
311 Cleveland Ed Fund	62	0	0	0	0	0	0	0	0	0	62	0
312 Science Museum Minnesota	62	0	0	0	0	0	0	0	0	0	62	0
313 Habitat SW Hmnty Intrnatl	61	0	0	0	0	0	0	0	0	0	0	61
314 Soc of Women Engineers	61	0	0	0	0	0	0	0	0	61	0	0
315 Compstng Cncl Rsch&Ed Fdn	60	0	0	0	0	0	60	0	0	0	0	0
316 National Urban Coalition	60	0	0	0	0	60	0	0	0	0	0	0
317 Hist of Science Society	59	0	0	0	0	0	0	0	0	0	59	0
318 National Geographic Soc	58	0	0	0	0	0	58	0	0	0	0	0
319 Pacer Center	58	0	0	0	0	0	0	58	0	0	0	0
320 Transcen. Inc	58	0	0	0	0	0	0	58	0	0	0	0
Total 1st 320 institutions	619,528	6,242	296	110,804	3,285	70,429	57,843	98,180	4,549	134,324	105,514	28,062
321 Marine Environ Sci Cnsrtm	57	0	0	0	0	0	0	0	0	0	57	0
322 Montshire Museum of Sci	57	0	0	0	0	0	0	0	0	0	57	0
323 Pacific GIS	57	57	0	0	0	0	0	0	0	0	0	0
324 Soc Hispanic Prof Eng CA	57	0	0	0	0	0	0	0	0	57	0	0
325 Space Science Institute	55	0	0	5	0	0	0	0	0	50	0	0
326 Am Assc Variable Star Obs	53	0	0	0	0	0	0	0	0	53	0	0
327 Inst Elec & Electron Eng	53	0	0	28	0	0	0	0	0	0	25	0
328 Am Assc of Engineers	50	0	0	0	0	0	0	0	0	0	50	0
329 Cncl for Jewish Elderly	50	0	0	0	0	0	0	50	0	0	0	0
330 Computing Research Assoc	50	0	0	50	0	0	0	0	0	0	0	0
Total 1st 330 institutions	620,067	6,299	296	110,887	3,285	70,429	57,843	98,230	4,549	134,484	105,703	28,062
331 Environmentl Defense Fund	50	0	0	0	0	0	50	0	0	0	0	0
332 Foundation on Aging	50	0	0	0	0	0	0	50	0	0	0	0
333 Kidsnet	50	0	0	0	0	0	0	50	0	0	0	0
334 Marine Tech Society	50	0	0	0	0	0	0	0	0	0	50	0
335 National Osteoporosis Fdn	50	0	0	0	0	0	0	50	0	0	0	0
336 Navajo Natl Health Fdn	50	0	0	0	0	0	0	50	0	0	0	0
337 Princeton U Press	50	0	0	0	0	0	0	0	0	0	50	0
338 Southwest Health Ctr	50	0	0	0	0	0	0	50	0	0	0	0
339 Thames Science Center	50	0	0	0	0	0	0	0	0	0	50	0
340 Unisphere Institute	50	0	0	0	0	0	0	0	0	50	0	0
Total 1st 340 institutions	620,567	6,299	296	110,887	3,285	70,429	57,893	98,480	4,549	134,534	105,853	28,062
341 Natl Black Nurses Assoc	49	0	0	0	0	0	0	49	0	0	0	0
342 Am Physical Society	48	0	0	8	0	0	0	0	0	0	40	0
343 Bernice P Bishop Museum	48	0	0	0	0	0	0	0	0	0	48	0
344 Catholic Charities USA	46	0	0	0	0	0	0	46	0	0	0	0
345 Wildlife Conservation Soc	46	0	0	0	0	0	0	0	46	0	0	0
346 Assoc Food&Drug Officials	45	0	0	0	0	0	0	45	0	0	0	0
347 Assc Rsch Vision Ophthal	43	0	0	0	0	0	0	43	0	0	0	0
348 Interam Col Phys & Surg	41	0	0	0	0	0	31	10	0	0	0	0
349 Natl Fire Protect Assc	41	0	41	0	0	0	0	0	0	0	0	0
350 Natl Youth Sci Fdn	39	0	0	0	0	0	0	0	0	0	39	0
Total 1st 350 institutions	621,013	6,299	337	110,895	3,285	70,429	57,924	98,673	4,595	134,534	105,980	28,062

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Soc Photo Optical Inst	39	0	0	0	0	0	0	0	0	0	39	0
352 Intl Assc Phys Sci Ocean	35	0	0	0	0	0	0	0	0	0	35	0
353 Natl Conf State Bldg Code	35	0	0	0	0	0	35	0	0	0	0	0
354 New England Aquarium Corp	35	0	0	0	0	0	35	0	0	0	0	0
355 Water Education Fdn	35	0	0	0	0	0	30	0	5	0	0	0
356 Rad Tech Comm Aerontcs	31	0	0	0	0	0	0	0	0	31	0	0
357 Intl Water Resource Assoc	30	0	0	0	0	0	0	0	30	0	0	0
358 Student Pugwash USA	30	0	0	0	0	30	0	0	0	0	0	0
359 SC Educational TV Netwrk	27	0	0	0	0	0	0	0	0	0	27	0
360 Cncl Engy Resource Tribes	26	0	0	0	0	26	0	0	0	0	0	0
Total 1st 360 institutions	621,336	6,299	337	110,895	3,285	70,485	58,024	98,673	4,630	134,565	106,081	28,062
361 Am Forest Foundation	25	0	0	0	0	0	25	0	0	0	0	0
362 Am Political Sci Assc	25	0	0	0	0	0	0	0	0	0	25	0
363 Am Soc Addiction Medicine	25	0	0	0	0	0	0	25	0	0	0	0
364 Center Environmental Info	25	0	0	0	0	0	25	0	0	0	0	0
365 Midtown Educational Fdn	25	0	0	0	0	0	0	0	0	25	0	0
366 Natl Assc Corrosion Eng	25	0	0	25	0	0	0	0	0	0	0	0
367 Assc Am Geographers	24	0	0	0	0	0	0	0	0	0	24	0
368 Natl Assc Bio Teacher VA	23	0	0	0	0	0	0	0	0	0	23	0
369 American Ceramic Society	21	0	21	0	0	0	0	0	0	0	0	0
370 Elkhorn Slough Fdn	20	0	20	0	0	0	0	0	0	0	0	0
Total 1st 370 institutions	621,574	6,299	378	110,920	3,285	70,485	58,074	98,698	4,630	134,590	106,153	28,062
371 Oceanic Society	20	0	0	20	0	0	0	0	0	0	0	0
372 Am Soc Microbiology	19	0	0	5	0	0	0	0	0	0	14	0
373 Inst Postdoctoral Studies	19	0	0	19	0	0	0	0	0	0	0	0
374 Virginia Mus of Natl Hist	19	0	0	0	0	0	0	0	0	0	19	0
375 Am Inst Indian Studies	18	0	0	0	0	0	0	0	0	0	18	0
376 Natl Ctr Lead Safe Housng	17	0	0	0	0	0	0	0	0	0	0	17
377 Public Voice Food & Hlth	17	0	0	0	0	0	0	17	0	0	0	0
378 Assoc of Am Cols & Univs	16	0	0	0	0	0	0	0	0	0	16	0
379 Educom, Inc	15	0	0	0	0	0	0	0	0	0	15	0
380 Manomet Bird Observatory	15	0	0	0	0	0	0	0	15	0	0	0
Total 1st 380 institutions	621,749	6,299	378	110,964	3,285	70,485	58,074	98,715	4,645	134,590	106,235	28,079
381 NIPS Foundation	15	0	0	15	0	0	0	0	0	0	0	0
382 Proj Women & Disability	15	0	0	0	0	15	0	0	0	0	0	0
383 Tiger Sci Education Fdn	15	0	0	0	0	15	0	0	0	0	0	0
384 Crow Valley Livestock	14	14	0	0	0	0	0	0	0	0	0	0
385 American Vacuum Society	13	0	0	13	0	0	0	0	0	0	0	0
386 Assoc Collegt Schls Plang	13	0	0	0	0	0	0	0	0	0	0	13
387 Environmental Solutions	12	0	0	0	0	0	0	0	12	0	0	0
388 Natl Cncl Soc Stud	12	0	0	0	0	0	0	0	0	0	12	0
389 Natl Inst of Bldg Science	12	0	12	0	0	0	0	0	0	0	0	0
390 Math Science Network	11	0	0	0	0	0	0	0	0	11	0	0
Total 1st 390 institutions	621,881	6,313	390	110,992	3,285	70,515	58,074	98,715	4,657	134,601	106,247	28,092
391 San Diego Soc Natr Hist	11	0	0	11	0	0	0	0	0	0	0	0
392 Adler Planetarium	10	0	0	0	0	0	0	0	0	10	0	0
393 Am Math Assoc Two-Yr Cols	10	0	0	0	0	0	0	0	0	0	10	0
394 Assc Higher Ed & Disabil	10	0	0	0	0	0	0	0	0	10	0	0
395 Internatl Map Trade Assoc	10	0	0	0	0	0	0	0	10	0	0	0
396 Wstrn ID Cmty Action Prgm	10	0	0	0	0	0	0	0	0	0	0	10
397 Am Soc for Photobiology	9	0	0	0	0	9	0	0	0	0	0	0
398 Electrochemical Society	9	0	0	9	0	0	0	0	0	0	0	0
399 Division of Chemical Ed	8	0	0	0	0	0	0	0	0	0	8	0
400 Mineral Metals Mat Soc	8	0	0	0	0	0	0	0	0	8	0	0
Total 1st 400 institutions	621,976	6,313	390	111,012	3,285	70,524	58,074	98,715	4,667	134,629	106,265	28,102

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
401 Am Soc Zoologists	7	0	0	0	0	0	0	0	0	0	7	0
402 Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0	0
403 American Foundrymen Soc	6	0	0	0	0	6	0	0	0	0	0	0
404 Assc Women Mathematics	6	0	0	6	0	0	0	0	0	0	0	0
405 Bicentennial Volunteers	6	6	0	0	0	0	0	0	0	0	0	0
406 YWCA Metro Br Womens Ctr	6	0	0	0	0	0	0	0	0	0	0	6
407 Aspen Cancer Conference	5	0	0	0	0	0	0	5	0	0	0	0
408 Bioelectromagnetics Soc	5	0	0	0	0	5	0	0	0	0	0	0
409 Cobbs Crk Cmty Env Ed Ctr	5	5	0	0	0	0	0	0	0	0	0	0
410 Designwrights Collabortv	5	0	0	0	0	0	0	0	5	0	0	0
Total 1st 410 institutions	622,034	6,331	390	111,018	3,285	70,535	58,074	98,720	4,672	134,629	106,272	28,108
411 Girl Scouts of Del Co	5	5	0	0	0	0	0	0	0	0	0	0
412 Groundwater Fdn, The	5	0	0	0	0	0	0	0	5	0	0	0
413 Museum of Sci & Industry	5	0	0	0	0	5	0	0	0	0	0	0
414 Natl Women's Conf Ctr	5	0	0	0	0	0	0	0	0	0	0	5
415 Soc Leukocyte Biology	5	0	0	5	0	0	0	0	0	0	0	0
416 Society for Biomaterials	5	0	0	0	0	0	0	5	0	0	0	0
417 Am Meat Science Assoc	4	4	0	0	0	0	0	0	0	0	0	0
418 Assc U Progs Hlth Admin	4	0	0	0	0	0	0	0	0	0	0	4
419 KY Rsch & Ed Inst Women	4	0	0	0	0	0	0	0	0	0	0	4
420 Links, Inc	4	0	0	0	0	0	0	4	0	0	0	0
Total 1st 420 institutions	622,080	6,340	390	111,023	3,285	70,540	58,074	98,729	4,677	134,629	106,272	28,121
421 Midwest Migrant Hlth Info	4	0	0	0	0	0	0	0	0	0	0	4
422 Natl Org Rare Disorders	4	0	0	0	0	0	0	4	0	0	0	0
423 Chld Care Cnctn (Astn TX)	3	0	0	0	0	0	0	0	0	0	0	3
424 Educational Beginnings	3	0	0	0	0	0	0	0	0	0	0	3
425 Food & Drug Law Inst	3	0	0	0	0	0	0	3	0	0	0	0
426 Women of Vision	3	0	0	0	0	0	0	0	0	0	0	3
427 Am Baptst Chrchs Metro NY	2	0	0	0	0	0	0	0	0	0	0	2
428 Birds of Vermont Museum	2	0	0	0	0	0	0	0	2	0	0	0
429 Career Choices, Inc	2	0	0	0	0	0	0	0	0	0	0	2
430 NOW Legal Dfnse & Ed Fund	2	0	0	0	0	0	0	0	0	0	0	2
Total 1st 430 institutions	622,108	6,340	390	111,023	3,285	70,540	58,074	98,736	4,679	134,629	106,272	28,140
431 Natl Cnfc Black Mayor	2	0	0	0	0	0	0	0	0	0	0	2
432 San Francisco Labor Fdn	2	0	0	0	0	0	0	0	0	0	0	2
433 Soc American Archaeology	2	0	0	0	0	0	0	0	2	0	0	0
434 Tradeswomen, Inc	2	0	0	0	0	0	0	0	0	0	0	2
435 YWCA Metro Denver	2	0	0	0	0	0	0	0	0	0	0	2
436 Am Acad Vet Phrm&Thraptcs	1	0	0	0	0	0	0	1	0	0	0	0
437 Asian Pacific Dev Ctr CO	1	0	0	0	0	0	0	0	0	0	0	1
438 Brookings Career Lrng Ctr	1	0	0	0	0	0	0	0	0	0	0	1
439 Day Care Actn Cncl of IL	1	0	0	0	0	0	0	0	0	0	0	1
440 Hacer, Inc	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 440 institutions	622,123	6,340	390	111,023	3,285	70,540	58,074	98,737	4,681	134,629	106,272	28,152

See explanatory information, if any, and SOURCE at end of table.

Table B-31. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1994

[Thousands of dollars]

Institution and ranking	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
441 Legal Asstnc Fdn Chicago	1	0	0	0	0	0	0	0	0	0	0	1
442 NM Comm Status of Women	1	0	0	0	0	0	0	0	0	0	0	1
443 Natl Cncl Negro Wmn (DC)	1	0	0	0	0	0	0	0	0	0	0	1
444 Natl Cncl Rsch on Women	1	0	0	0	0	0	0	0	0	0	0	1
445 New Ways To Work	1	0	0	0	0	0	0	0	0	0	0	1
446 New York Womens Agenda	1	0	0	0	0	0	0	0	0	0	0	1
447 Top Trail Chld Plcmt Agcy	1	0	0	0	0	0	0	0	0	0	0	1
448 Wmns Res Ctr (Delta, CO)	1	0	0	0	0	0	0	0	0	0	0	1
449 YWCA (Greensboro, NC)	1	0	0	0	0	0	0	0	0	0	0	1
450 YWCA Anchorage	1	0	0	0	0	0	0	0	0	0	0	1
Total 1st 450 institutions	622,133	6,340	390	111,023	3,285	70,540	58,074	98,737	4,681	134,629	106,272	28,162

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-32. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1987-94

[Thousands of dollars]

Consortium	1987	1988	1989	1990	1991	1992	1993	1994
Total, all consortia	494	100,911	104,101	103,950	99,334	125,577	114,776	101,716
Consortium for International Development	494	0	3,000	2,236	0	0	84	0
Consortium for International Earth Science Information Network	0	0	0	0	0	24,815	18,975	10,380
Five Colleges Inc	0	0	0	44	0	0	653	28
Louisiana Universities Marine Consortium	0	0	0	0	0	880	599	17
Mississippi-Alabama Sea Grant Consortium	0	911	1,011	1,640	1,715	1,251	0	1,095
Sematech Inc	0	100,000	100,000	100,000	96,700	97,600	92,935	88,696
South Carolina Sea Grant Consortium	0	0	90	30	919	1,031	30	0
West Virginia High Technology Consortium	0	0	0	0	0	0	1,500	1,500

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-33. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1994

[Thousands of dollars]

Consortium	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Total, all consortia	101,716	95,256	0	0	66	514	5,880
Consortium for International Earth Science Information Network	10,380	4,500	0	0	0	0	5,880
Five Colleges Inc	28	28	0	0	0	0	0
Louisiana Universities Marine Consortium	17	17	0	0	0	0	0
Mississippi-Alabama Sea Grant Consortium	1,095	515	0	0	66	514	0
Sematech Inc	88,696	88,696	0	0	0	0	0
West Virginia High Technology Consortium	1,500	1,500	0	0	0	0	0

[1] See Technical Notes, "Scope of Survey."

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-34. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1994

[Thousands of dollars]

Consortium	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all consortia	101,716	0	1,095	93,196	0	0	0	0	7,380	28	17
Consortium for International Earth Science Information Network	10,380	0	0	4,500	0	0	0	0	5,880	0	0
Five Colleges Inc	28	0	0	0	0	0	0	0	0	28	0
Louisiana Universities Marine Consortium	17	0	0	0	0	0	0	0	0	0	17
Mississippi-Alabama Sea Grant Consortium	1,095	0	1,095	0	0	0	0	0	0	0	0
Sematech Inc	88,696	0	0	88,696	0	0	0	0	0	0	0
West Virginia High Technology Consortium	1,500	0	0	0	0	0	0	0	1,500	0	0

[1] Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
USDA = U.S. Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
Ed = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-35. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1994

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Total	4,062,039	3,351,938	660,871	0	301	17,940	30,989
Dept of Commerce	426	419	0	0	0	0	7
Dept of Defense	331,081	330,372	0	0	0	0	709
Dept of Energy	2,738,655	2,106,630	584,426	0	0	17,413	30,186
Environmental Protection Agency	88	88	0	0	0	0	0
Dept of Health & Human Services	27,179	26,704	0	0	301	87	87
Dept of the Interior	140	140	0	0	0	0	0
Nat'l Aeronautics & Space Admin	813,393	761,826	51,567	0	0	0	0
Nat'l Science Foundation	150,966	125,648	24,878	0	0	440	0
Other agencies	111	111	0	0	0	0	0
Arizona:							
Nat'l Optical Astronomy Observatories [2] (Assoc of Univ for Rsch in Astronomy, Inc.)							
Total	45,284	28,271	17,013	0	0	0	0
Nat'l Science Foundation	45,284	28,271	17,013	0	0	0	0
California:							
Ernest Orlando Lawrence Berkeley National Lab (University of California)							
Total	220,271	175,074	39,885	0	277	2,624	2,411
Dept of Commerce	7	0	0	0	0	0	7
Dept of Defense	3,174	2,465	0	0	0	0	709
Dept of Energy	204,736	160,556	39,885	0	0	2,612	1,683
Dept of Health & Human Services	12,231	11,930	0	0	277	12	12
Nat'l Science Foundation	123	123	0	0	0	0	0
Jet Propulsion Laboratory [3] (California Institute of Tech)							
Total	813,744	762,177	51,567	0	0	0	0
Dept of Commerce	150	150	0	0	0	0	0
Dept of Health & Human Services	72	72	0	0	0	0	0
Nat'l Aeronautics & Space Admin	813,393	761,826	51,567	0	0	0	0
Nat'l Science Foundation	129	129	0	0	0	0	0
Lawrence Livermore National Lab (University of California)							
Total	563,322	482,588	68,795	0	0	1,314	10,625
Dept of Commerce	125	125	0	0	0	0	0
Dept of Energy	560,577	480,066	68,795	0	0	1,131	10,585
Dept of Health & Human Services	2,134	2,054	0	0	0	40	40
Dept of the Interior	140	140	0	0	0	0	0
Nat'l Science Foundation	235	92	0	0	0	143	0
Other agencies	111	111	0	0	0	0	0
Stanford Linear Accelerator Center (Leland Stanford Junior University)							
Total	174,767	121,280	53,350	0	0	137	0
Dept of Energy	173,646	120,159	53,350	0	0	137	0
Dept of Health & Human Services	1,121	1,121	0	0	0	0	0
Colorado:							
Nat'l Center for Atmospheric Research [2] (Univ Corp for Atmospheric Research)							
Total	64,551	56,489	7,765	0	0	297	0
Nat'l Science Foundation	64,551	56,489	7,765	0	0	297	0

See explanatory information, if any, and SOURCE at end of table.

Table B-35. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1994

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Illinois:							
Argonne National Laboratory (Univ of Chicago)							
Total	382,542	238,179	134,674	0	24	5,231	4,434
Dept of Energy	381,995	237,656	134,674	0	0	5,231	4,434
Dept of Health & Human Services	547	523	0	0	24	0	0
Fermi Nat'l Accelerator Laboratory[2] (Universities Research Assoc, Inc.)							
Total	229,018	167,584	61,434	0	0	0	0
Dept of Energy	229,017	167,583	61,434	0	0	0	0
Nat'l Science Foundation	1	1	0	0	0	0	0
Iowa:							
Ames Laboratory (Iowa State Univ of Sci & Tech)							
Total	25,169	23,088	1,779	0	0	302	0
Dept of Energy	24,488	22,407	1,779	0	0	302	0
Environmental Protection Agency	88	88	0	0	0	0	0
Dept of Health & Human Services	593	593	0	0	0	0	0
Massachusetts:							
Lincoln Laboratory (Massachusetts Inst of Technology)							
Total	294,947	294,947	0	0	0	0	0
Dept of Defense	294,947	294,947	0	0	0	0	0
New Jersey:							
Princeton Plasma Physics Lab (Princeton University)							
Total	103,754	101,651	2,103	0	0	0	0
Dept of Energy	103,646	101,543	2,103	0	0	0	0
Nat'l Science Foundation	108	108	0	0	0	0	0
New Mexico:							
Los Alamos National Scientific Lab (University of California)							
Total	574,896	502,582	68,850	0	0	1,504	1,960
Dept of Energy	568,683	496,369	68,850	0	0	1,504	1,960
Dept of Health & Human Services	6,213	6,213	0	0	0	0	0
New York:							
Brookhaven National Lab[2] (Associated Universities, Inc.)							
Total	329,191	201,764	121,728	0	0	26	5,673
Dept of Commerce	144	144	0	0	0	0	0
Dept of Energy	323,967	196,592	121,728	0	0	0	5,647
Dept of Health & Human Services	3,898	3,846	0	0	0	26	26
Nat'l Science Foundation	1,182	1,182	0	0	0	0	0
Pennsylvania:							
Software Engineering Institute (Carnegie Mellon University)							
Total	32,786	32,786	0	0	0	0	0
Dept of Defense	32,786	32,786	0	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table B-35. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1994

[Thousands of dollars]

State, institution, administering institution, and agency providing funds	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Tennessee:							
Oak Ridge Inst for Science & Education[2] (Oak Ridge Assoc Universities, Inc.)							
Total	95,992	80,416	3,896	0	0	5,794	5,886
Dept of Defense	174	174	0	0	0	0	0
Dept of Energy	95,448	79,890	3,896	0	0	5,785	5,877
Dept of Health & Human Services	370	352	0	0	0	9	9
Virginia:							
Continuous Electron Beam Accelerator Facility[2] (Southeastern Univ Research Assoc)							
Total	72,452	43,809	27,932	0	0	711	0
Dept of Energy	72,452	43,809	27,932	0	0	711	0
West Virginia:							
Nat'l Radio Astronomy Observatory[2] (Associated Universities, Inc.)							
Total	29,218	29,218	0	0	0	0	0
Nat'l Science Foundation	29,218	29,218	0	0	0	0	0
Puerto Rico:							
Nat'l Astronomy & Ionosphere Center (Cornell University)							
Total	10,135	10,035	100	0	0	0	0
Nat'l Science Foundation	10,135	10,035	100	0	0	0	0

1 See Technical Notes, "Scope of Survey."

2 One of seven centers administered by university consortia

3 Includes sizeable amounts subcontracted, principally to industrial firms

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

Table B-36. Federal science and engineering research and development and R&D plant obligations to federally funded research and development centers administered by nonprofit institutions, by State, institution, and sponsoring agency: fiscal years 1987-94

[Thousands of dollars]

State, institution, and sponsoring agency	1987	1988	1989	1990	1991	1992	1993	1994
United States, total	995,300	1,014,106	1,024,275	1,321,315	815,064	746,792	784,734	843,830
California:								
Aerospace Federally Funded Rsch & Development Ctr (Department of Defense / Air Force)	339,473	367,916	304,811	416,668	397,271	255,942	303,487	99,166
Arroyo Center (Department of Defense / Army)	16,100	16,700	19,600	25,500	0	23,536	0	0
National Defense Research Institute (Department of Defense / Office of the Secretary)	19,300	24,100	26,400	28,600	0	25,790	0	6,852
Project Air Force (Rand)[1] (Department of Defense / Air Force)	20,180	19,220	24,874	23,372	0	22,488	23,980	24,000
Colorado:								
National Renewable Energy Research Lab (Department of Energy)	59,246	54,417	52,152	69,611	104,013	139,681	189,909	207,547
New Mexico:								
Inhalation Toxicology Research Inst (Department of Energy)	0	0	9,400	8,051	8,583	8,881	8,433	7,890
Virginia:								
C3I Federally Funded Research & Development Ctr[2] (Department of Defense / Office of the Secretary)	338,058	334,605	367,617	445,729	17,838	3,394	5,458	186,364
Center for Advanced Aviation System Development (Department of Transportation)	0	0	0	0	0	17,542	5,658	13,327
Center for Naval Analyses[3] (Department of Defense / Navy)	36,330	37,960	34,799	41,200	48,558	0	0	0
Institute for Defense Analyses (Department of Defense / Office of the Secretary)	71,300	77,590	83,700	90,200	73,468	68,840	23,137	55,360
Logistics Management Institute[4] (Department of Defense / Office of the Secretary)	12,300	13,700	17,400	18,600	26,696	31,279	19,603	33,324
Washington:								
Pacific NW Labs (Department of Energy)	83,013	67,898	83,522	153,784	138,637	149,419	205,069	210,000

1 Data for Project Air Force are included under RAND Corporation prior to FY 1978; the remainder of RAND Corporation is currently classified as a nonprofit institution.

2 Data for Mitre Corporation - C3I division (now called C3I Federally Funded Research & Development Center) are included under Mitre Corporation prior to FY 1979; remainder of Mitre Corporation is currently classified as a nonprofit institution.

3 This institution is administered by Hudson Institute, a nonprofit organization, as of FY 1984; formerly administered by the University of Rochester.

4 Logistics Management Institute moved from Bethesda, MD to McLean, VA in May 1994.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994

END

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